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CHICORA TANK FARM INTRINSIC CORRECTIVE ACTION PLAN CNC CHARLESTON SC
09/01/2008
ADVENT ENVIRONMENTAL INC

CHICORA TANK FARM INTRINSIC CORRECTIVE ACTION PLAN

FORMER CHARLESTON NAVAL COMPLEX NORTH CHARLESTON, SOUTH CAROLINA

Prepared for:

Naval Facilities Engineering Command – Southeast

And

BRAC Program Management Office – Southeast

Contract Number
N62467-06-D-0125
Task Order
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September 2008

Chicora Tank Farm Intrinsic
Corrective Action Plan

Former Charleston Naval Complex
North Charleston, South Carolina

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CERTIFICATION PAGE

REGISTERED SOUTH CAROLINA PROFESSIONAL GEOLOGIST CERTIFICATION

By affixing my seal to this report, I certify the data and interpretations stated in the *Chicora Tank Farm Intrinsic Corrective Action Plan (ICAP), Former Charleston Naval Complex (CNC)* are true and accurate to the best of my knowledge. I further certify that I am registered to practice geology in the state of South Carolina and that it is within my professional expertise to verify the correctness of this information.

_____ _____

James W. Weeg Date

Registration Number: 2494 (South Carolina)

LIST OF ACRONYMS AND ABBREVIATIONS

ACAP	Active Corrective Action Plan
ADVENT	ADVENT Environmental, Inc.
ASTs	Aboveground Storage Tanks
bgs	Below Ground Surface
BRAC	Base Realignment and Closure
BTEX	Benzene, Toluene, Ethyl-benzene, Total Xylenes
CAP	Corrective Action Plan
CNC	Charleston Naval Complex
CTF	Chicora Tank Farm
DTW	Depth to Water
FFP	Free Floating Product
ICAP	Intrinsic Corrective Action Plan
mg/kg	milligrams per kilograms
MSL	Mean Sea Level
NAPL	Non-Aqueous Phase Liquid
NAVFAC	Naval Facilities Engineering Command – Southeast
OVA	Organic Vapor Analyzer
PAHs	Polynuclear Aromatic Hydrocarbons
ppm	Parts Per Million
RBSL	Risk Based Screening Level
SAS	Surficial Aquifer System
SCDHEC	SC Department of Health and Environmental Control
SSTL	Site Specific Target Level
STEP	Solutions To Environmental Problems, Inc.
TPH	Total Petroleum Hydrocarbons
TTNUS	Tetra-Tech, NUS
USGS	United States Geological Survey
USTs	Underground Storage Tanks

1.0 INTRODUCTION

ADVENT Environmental, Inc. (ADVENT) was retained by the Naval Facilities Engineering Command – Southeast (NAVFAC) and the Base Realignment and Closure (BRAC) Program Management Office – Southeast, to create a Corrective Action Plan (CAP) and perform a receptor survey at the Chicora Tank Farm (CTF) at the former Charleston Naval Complex (CNC) in North Charleston, South Carolina. A Work Plan for *Monitored Natural Attenuation at Buildings 1279 and 236, and Groundwater Monitoring and Corrective Action Plan for the Chicora Tank Farm, at the Charleston Naval Complex* was submitted to the BRAC office and approved in July 2008. The CTF is located at the intersection of Chicora Parkway and Viaduct Road in North Charleston, South Carolina. A site location map is included at Figure 1.

1.1 LOCAL SITE DESCRIPTION

The CNC is located in North Charleston, South Carolina. The CTF was the fuel storage facility, both Aboveground Storage Tanks (ASTs), and Underground Storage Tanks (USTs), for the former CNC. All aboveground storage structures have been removed as part of the BRAC program.

Local site conditions were assessed by evaluating the topography, geology, hydrogeology, and overall visual appearance of the site. The following section describes the local site conditions for the CTF.

1.2 TOPOGRAPHY AND SITE CONDITIONS

Topographic relief at the CTF is moderate. Mean elevation at the site is 17 feet above mean sea level (MSL), with a minimum elevation of 5 feet and a maximum elevation of 22 feet.

At present, the CTF is a fenced, grassy area that contains approximately 25 acres of undeveloped land. The site contains a former maintenance building centrally located on the western edge of the site, and two (2) former service buildings; one located at the north end of the site and one at the south end of the site (Figure 2).

The CTF is bordered to the northwest by the Charleston County Military Magnet School, to the north by a low lying undeveloped area bordering Noisette Creek, to the east and south by residential housing, and to the west by an industrial facility. A site map is included as Figure 2.

1.3 GEOLOGY AND HYDROGEOLOGY

Charleston County, South Carolina, is located within the Coastal Plain Physiographic Province. The Coastal Plain extends along the Atlantic seaboard from Florida to southern New Jersey. The Coastal Plain is characterized by sediments that overlay basement rocks, thickening from just a few feet near the Fall Line to about 3,800 feet below ground surface (bgs) at the southernmost corner of South Carolina.

Charleston County overlies the Surficial Aquifer System (SAS) which extends from southern Florida to North Carolina. The SAS consists mostly of unconsolidated sand and minor beds of shells and oolitic limestone. At depth these formations are generally confined above and below by impermeable clay layers. SAS sediments range in age from late Miocene to Holocene. The SAS is typically less than 50 feet thick; however the system thickens coastward.

Groundwater flow in the SAS is mostly unconfined. Locally, thin clay beds create semi-confined conditions within the system. Water that enters the SAS moves quickly along short flow paths and discharges as baseflow to streams. Generally, groundwater flows southeast towards the coast. The trasnmissivity of the SAS is extremely variable depending on location. Well yields in South Carolina average 50 gallons per minute (gpm).

1.4 HISTORICAL SUMMARY

1.4.1 BRAC Closure

The CTF was the fuel storage facility for the CNC. The CNC was closed by the BRAC Commission in 1995. While the site was still in use (1994) reports of contamination surfaced and were remediated by KEMRON, Inc. (April 1994).

Demolition of the ASTs was planned by Enterprise Engineering in 1995 and implemented in late 1998 and early 1999. During the unearthing of fuel lines three pockets of contamination were found along the fuel lines. Subsequently 900 tons of contaminated soil were removed and sampled.

1.4.2 Initial Site Monitoring by Tetra-Tech, NUS

Tetra-Tech, NUS (TTNUS) was contracted in June 1999 to perform an assessment of the site. TTNUS installed fifteen shallow monitoring wells and three deep monitoring wells. Samples taken from the wells were analyzed and concentrations of naphthalene were found. The naphthalene detections were above the Risk Based Screening Level (RBSL) but below the Site Specific Target Level (SSTL); therefore, an Intrinsic Corrective Action Plan (ICAP) was recommended by TTNUS.

TTNUS conducted a UST closure on UST CTF-3 in January 2000. Contaminated soil was found beneath the supply and return piping. TTNUS removed eighty feet of fill piping during the excavation. Approximately 2,400 tons of contaminated soil was removed for disposal.

TTNUS returned to the site in May and December 2001 to collect groundwater sample data to determine SSTL and the risk analysis for the ICAP. Three additional groundwater monitoring wells were installed during the December site visit. During the site sampling

an indeterminable amount of free product was found in three of the monitoring wells. At this point (May 2002) TTNUS recommended that an Active CAP (ACAP) be carried out. The ACAP recommended excavation and off-site disposal of soil and semi-annual monitoring.

1.4.3 Soil Remediation by STEP, Inc.

Solutions to Environmental Problems, Inc. (STEP) began the excavation of fourteen areas of potential soil contamination in December 2003. Trenches were dug to the water table, approximately 8 feet bgs and then back-filled them with clean fill. STEP installed groundwater monitoring wells within the back-filled areas in the fourteen trenches.

Total Petroleum Hydrocarbons (TPH) was found in two of the trenches. However, while the TPH exceeded the RBSL, it did not exceed the SSTL. STEP recommended monitoring wells be sampled semi-annually and wells checked annually for the return of free product for five years.

2.0 POTENTIOMETRIC DATA AND RECEPTOR SURVEY

Site topography at the CTF is minimal. The topographic high for the site is the western corner adjacent to Carner Avenue. The ground surface slopes outward from this topographic high as a shallow spur; with the ground surface sloping away from the high towards the north, east, and south (Figure 2, Site Location Map). Surface-water flow follows the slope until it encounters the ditch that trends northwest towards the retention basin at the northern end of the site.

2.1 HISTORICAL POTENTIOMETRIC DATA

Potentiometric contours at the CTF have been consistent during the period of ADVENTs site work (December 2005 – August 2008). The state of South Carolina in general and the Charleston area in particular, have been in a mild drought since 2002. As is evidenced on the potentiometric maps (Figures 3-5) the general shape of the contours of the water-table are consistent, but the elevation of the water-table has decreased nearly three feet over the duration of this investigation.

Groundwater flow, as is expected, generally mimics the topographic contours. The potentiometric high is in the western corner adjacent to Carner Road. The water table surface slopes outward from this potentiometric high as a shallow spur; with the water-table surface sloping away from the high towards the north, east, and south.

ADVENT only has groundwater elevation information for the area contained within the Chicora Tank Farm. Based on the topographic contours of the surrounding area, ADVENT stipulates that groundwater flow for the surrounding area will be generally to the east-northeast. Baseflow will become groundwater run-off as it encounters the Cooper River approximately 2,000 feet east-northeast of the site, in the area of the former Charleston Naval Complex.

2.2 TAX RECORDS

Appendix A contains a Charleston County Tax Map of this property (Tax ID: 4691500103) which is listed as being owned by the United States Government (US Navy). The property card maintained by the county describes the property as being 35.6 acres, but 10 acres of the site has been turned over to Charleston County. This site is currently the Charleston County Military Magnet School.

The remaining 25.6 acres constitutes what is referred to in this report as the Chicora Tank Farm. The physical address for the site is 2950 Carner Avenue, North Charleston, South Carolina. The property is currently zoned R-1: Single Family Residential.

There are 38 adjacent properties. A list of the adjacent property owners and addresses is contained in Appendix A. The majority of the adjacent properties are rental/lease properties.

2.3 RECEPTOR SURVEY

ADVENT followed the Utilities Survey/Site Survey guidance from the South Carolina Department of Health and Environmental Control (SCDHEC) Tier-I Assessment (2000) guidance to perform this receptor survey.

The 1000 foot radius around the CTF encompasses a large variety of structures and properties. This radius encompasses three primary northwest to southeast roads; Rivers Avenue, Spruill Avenue, and Meeting Street, which bracket the site. Adjacent to Rivers Avenue, within the 1000 foot radius, there is a multi-track railroad area that leads into the primary Charleston rail yard. The area to the north and east of the CTF is residential, to the south and west is commercial/industrial (Figure 6).

There are no permitted public or private groundwater wells within the 1000 foot search radius. There are no surface waters within the radius. Immediately north of the property

is an ephemeral creek that drains toward the Cooper River. There is a detention pond on the northern end of the site which contains surface runoff from the site.

There are no underground or aboveground utilities located on the site. The fuel supply pipeline that ran from the CTF to the CNC was capped at the time of decommissioning of the ASTs on the site. Electrical service to the surrounding areas is all over-head lines. Both the residential and commercial/industrial areas are served by belowground gas, sewer, and water service.

The Charleston County Military Magnet school is located adjacent to the site, to the north and west (Figure 6). This site is up-gradient of the Chicora Tank Farm. Chicora Elementary School is just beyond the northern extent of the 1000 foot radius. This site is separated from the CTF by a surface water drainage. The two churches that are depicted on the United States Geological Survey (USGS) 7.5 minute map no longer exist.

3.0 ANALYTICAL DATA

ADVENT was contracted to carry out monitoring activities and perform an excavation of contaminated soil in 2005. ADVENT conducted two semi-annual sampling events (December 2005 and May 2006) after which the site was not monitored prior to ADVENT being contracted to once again monitor the site and create a CAP in 2008. ADVENT analytical data is located in Appendix A and well purge records are located in Appendix B. Geochemical parameters are included in Table 3.

3.1 SITE MONITORING BY ADVENT

ADVENT properly abandoned two monitoring wells (MW-29 and MW-34) in November 2005, prior to excavation of soil at two sites. Two excavations were completed on November 16, 2005 at the locations of the former MW-29 and MW-34. The excavations were each approximately 8 feet by 30 feet by 8 feet deep (manifests for soils disposal are located in Appendix C). A total of 40.74 tons of soil that was identified as contaminated, with an organic vapor analyzer (OVA) reading greater than 10 parts per million (ppm), was removed from the two excavations and properly disposed of. Once excavations were complete, two new monitoring wells were installed in the same locations (MW-29R and MW-34R).

3.2 ADVENT 2005 SAMPLING

Soil and groundwater were sampled at the CTF from November 30, 2005 to December 2, 2005. Soil samples were analyzed for benzene, toluene, ethyl-benzene, total xylenes (BTEX), naphthalene, and total polynuclear aromatic hydrocarbons (PAHs). Soil samples from the excavation at MW-29 either had no detections or detection below the RBSL.

Concentrations of naphthalene were detected above the RBSL (0.036 mg/kg) in soil samples MW-34 North, MW-34 East, and MW-34 Bottom (28 mg/kg, 15 mg/kg, and 7.5

mg/kg, respectively). Concentrations of naphthalene were reported below the RBSL for the remaining samples.

Concentrations of benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene were reported above the PAH RBSLs of 0.066 mg/kg in soil samples MW-34 North, MW-34 East, and MW-34 Bottom. Benzo(a)anthracene concentrations were reported in MW-34 North, MW-34 East, and MW-34 Bottom ast 0.91 mg/kg, 0.33 mg/kg, and 0.40 mg/kg, respectively. Concentrations of benzo(b)fluoranthene were reported in MW-34 North, MW-34 East, and MW-34 Bottom at 0.70 mg/kg, 0.27 mg/kg, and 0.35 mg/kg, respectively. Benzo(k)fluoranthene concentrations were reported in MW-34 North, MW-34 East, and MW-34 Bottom at 0.084 mg/kg, 0.14 mg/kg, and 0.16 mg/kg, respectively. Concentrations of chrysene were reported in MW-34 North, MW-34 East, and MW-34 Bottom at 0.91 mg/kg, 0.32 mg/kg, and 0.32 mg/kg, respectively.

One groundwater sample was collected from the bottom of the excavation at MW-29. Groundwater was not observed in the bottom of the excavation at MW-34. Concentrations of BTEX, naphthalene, and PAH's were reported below the RBSLs in the excavation water sample MW-29 Bottom. Historical analytical results are included as Table 2.

Results of groundwater sampling for 2005 showed concentration of naphthalene that were reported above the RBSL of 25.0 micrograms per liter (μg/L) in the samples from monitoring wells MW-02 and MW-34R at 61 μg/L and 350 μg/L, respectively. Naphthalene concentrations were reported below RBSLs or not detected in all other monitoring wells sampled. Concentrations of BTEX and PAHs were reported below the RBSLs or not detected in all of the 28 monitoring wells sampled.

3.3 ADVENT 2006 SAMPLING

An additional round of groundwater sampling was conducted on May 8 and 9, 2006. Due to site conditions, groundwater samples were not collected from monitoring wells MW-

21 and MW-34R. During the November 2005 DTW round, ADVENT personnel discovered that MW-21 had been destroyed and could not be sampled. Although a sample was obtained during the November 2005 sampling event, monitoring well MW-34R exhibited a strong petroleum odor during the May 2006 DTW round. Upon further evaluation of well fluid usint a clear bailer, approximately five inches of a non-aqueous phase liquid (NAPL) was discovered on the top of the water column.

Concentrations of naphthalene were reported above the RBSL of 25.0 µg/L in monitoring well MW-2. Naphthalene concentration increased in the sample from MW-2 between semi-annual periods from 61 µg/L in December 2005 to 180 µg/L in May 2006.

In November 2005, monitoring well MW-34R contained naphthalene at a concentration of 350 µg/L, and no NAPL was observed in the well. During the May 2006 monitoring event, MW-34R was not sampled because NAPL was discovered in the well. Approximately 5 inches of NAPL were observed when a clear bailer was retrieved from MW-34R on May 9, 2006. Concentrations of naphthalene were reported below the RBSL or not detected (ND) in all other CTF monitoring wells sampled during the May 2006 semi-annual monitoring event.

Concentrations of BTEX were reported below their respective RBSLs or ND in all 27 monitoring wells sampled during the November 2005 and May 2006 semi-annual monitoring events.

Concentrations of total PAHs were reported below the cumulative RBSL (25.0 µg/L) or not detected all of the 27 monitoring wells sampled during the May 2006 semi-annual event. ADVENT historical analytical data is presented in Table2.

3.4 ADVENT 2008 SAMPLING

As part of continued groundwater monitoring at the CTF, ADVENT attempted to sample 29 monitoring wells. ADVENT personnel conducted a site visit on September 23, 2008

to identify well locations and physical conditions. At this time it was established that vegetation growth at the site had not been controlled in the interim between sampling events. Additionally, a portion of the site had been used to stockpile construction debris.

ADVENT conducted brush clearance on the site on August 5, 2008, in an effort to find the flush-mount wells known to exist. After brush clearance it was established that of the 29 wells know to be on the site, only 25 were still present and accessible for sampling. Two wells had been destroyed (MW-21 and MW-26) in the period between this sampling event and the last sampling event in June 2006, and two wells had been buried (MW-22 and MW-25) under construction debris that is stockpiled on the site. Therefore, these wells were not sampled during this sampling event.

Twenty five (25) monitoring wells were sampled on August 6 and 7, 2008 at the CTF. Field activities were conducted in accordance with the approved workplan (ADVENT, 2008).

Sample MW-34R exceeded the RBSL for naphthalene (25.0 μg/L) at a concentration of 51.4 μg/L. Additionally, BTEX was detected in the sample from MW-34R. However, these detections were below the RBSL. Concentrations of BTEX and MTBE were also detected in MW-2, MW-10, MW-14, MW-16, MW-17, MW-19, and MW-28, but again, none of these detections were at concentrations that exceeded the RBSL.

4.0 HISTORICAL TRENDS AND EVIDENCE SUPPORTING ICAP

While remediation efforts have been carried out on this site since the BRAC Closure in 1995, ADVENT has only monitored this site since December 2005. Due to factors beyond our control, there is very little access to historical data that was generated prior to our arrival onsite. Therefore, the trends and evidence supporting the implementation of an ICAP on this site will only reflect the data generated by ADVENT.

Site Specific Target Levels (SSTLs) were calculated by TTNUS as part of their *Rapid Assessment Report for Site 42, Chicora Tank Farm (October 1999)*, both for specific locations around the site, as well as a combined SSTL for the entire site. ADVENT used the SSTLs (TTNUS 1999) that were calculated for AST-L due to its proximity to the highest point of contamination found during ADVENTs tenure on the site (MW-34R).

4.1 HISTORICAL TRENDS

ADVENT began site work at the CTF in November 2005. During that event soil and groundwater samples were collected in conjunction with regular monitoring activities, as well as contaminated soil excavations in the vicinity of wells MW-29 and MW-34.

Groundwater analytical results for that sampling event identified contamination in only one area. Naphthalene was the only COC identified at a concentration that was in excess of the RBSL (MW-2 at 61 μg/L and MW-34 at 350 μg/L). Of the two monitoring well samples in excess of the RBSL, only that from MW-34 exceeded the SSTL level for naphthalene (25 μg/L) of 337 μg/L. There were COC detections at 23 of the other monitoring wells, but all results were below the RBSL.

ADVENT returned for an additional monitoring event in May 2006. Analytical data from this sampling event identified only one sample as being in excess of the RBSL (MW-2). This well did not exceed the SSTL for AST-L. There were COC detections in 8 of the other monitoring wells, but all results were below the RBSL.

Monitoring was not conducted on the site from May 2006 until August 2008. During the August 2008 sampling event only one well was identified as exceeding the RBSL for naphthalene (MW-34R) with a reported level of 51.4 µg/L. This level was nearly double the RBSL, but did not exceed the SSTL for naphthalene. There were COC detection in 7 of the other monitoring wells, but all results were below the RBSL (Table-2).

4.2 EVIDENCE SUPPORTING ICAP

The primary group of chemicals that have been identified as contaminants of concern at this site is BTEX. At every sampling event constituents of BTEX have been identified in either the groundwater or the soil at the site. Naphthalene has been the primary constituent found in the highest concentrations at the site. Since the BRAC commission closed the CNC in 1995 there have been many sampling events, excavations of contaminated soil, and the implementation of at least one ICAP and one active corrective action plan (ACAP).

The other contractors who worked on this site all identified FFP in monitoring well MW-34. ADVENT also identified FFP in MW-34 during its first sampling event. This resulted in two excavations of contaminated soil. Neither of the last two sampling events has identified FFP in any of the wells at the site.

At present the primary COC is naphthalene, and that constituent was only encountered in one well during the latest sampling event. MW-34R, and earlier MW-34, has consistently been the location of the highest contamination on the site. In the duration of time that ADVENT has been monitoring the site the detected concentrations of naphthalene in samples from MW-34R have been reduced from an initial high of 350 µg/L to 51 µg/L currently (1/7th of the original concentration).

ADVENT is confident that this is due to natural attenuation and not migration of the plume. Based on historic and current potentiometric maps it is seen that ground water

flow in the area of MW-34R is to the north and northeast. It seems highly unlikely that a mobile contaminant that is moving away from MW-34R would not be picked up in any of the other wells. Additionally, if the contaminant was mobile it would encounter the non-native disturbed sediments that were emplaced in the effort to create the ditch leading to the detention pond. ADVENT is confident that this would act as a preferential flow path that again, would lead to detection in at least two other wells.

ADVENT recommends increasing the sampling interval from semi-annual to quarterly as is stipulated in the SCDHEC Corrective Action Guidance (March 2000). By the end of the first year of quarterly sampling ADVENT recommends a reevaluation of the site and based on the results of that re-evaluation ADVENT will submit a request for "No Further Action" to SCDEHC.

TABLES

Table-1
Historical Groundwater Elevation Data
Chicora Tank Farm, Former CNC
North Charleston, South Carolina

Well	Surface Elevation	DTW			Ground Water Elevation		
		Dec-05	May-06	Aug-08	Dec-05	May-06	Aug-08
MW-02	16.00	6.24	6.71	7.55	9.76	9.29	8.45
MW-03	17.00	5.60	5.00	6.35	11.40	12.00	10.65
MW-04	12.00	4.30	4.58	5.75	7.70	7.42	6.25
MW-05	11.00	6.70	4.07	8.05	4.30	6.93	2.95
MW-08	12.50	3.50	3.86	5.35	9.00	8.64	7.15
MW-09	16.00	7.70	8.01	8.65	8.30	7.99	7.35
MW-10	11.50	5.90	6.01	6.67	5.60	5.49	4.83
MW-11	12.50	4.00	4.39	5.88	8.50	8.11	6.62
MW-14	12.00	4.40	4.42	5.25	7.60	7.58	6.75
MW-15	11.00	7.50	7.85	8.42	3.50	3.15	2.58
MW-16	8.00	3.80	3.78	4.79	4.20	4.22	3.21
MW-17	10.50	3.90	3.75	4.45	6.60	6.75	6.05
MW-19	10.00	5.33	5.33	5.95	4.67	4.67	4.05
MW-20	12.00	3.20	3.52	4.88	8.80	8.48	7.12
MW-21		Destroyed			Destroyed		
MW-22	18.00	4.50	4.51	Destroyed	13.50	13.49	Destroyed
MW-23	17.00	4.73	4.94	5.25	12.27	12.06	11.75
MW-24	16.00	5.92	6.09	6.35	10.08	9.91	9.65
MW-25	13.00	6.94	7.08	Destroyed	6.06	5.92	Destroyed
MW-26	10.50	4.40	4.31	Destroyed	6.10	6.19	Destroyed
MW-27	10.00	4.50	4.50	5.02	5.50	5.50	4.98
MW-28	7.00	1.20	1.27	4.30	5.80	5.73	2.70
MW-29R	13.36	3.49	3.48	4.22	9.87	9.88	9.14
MW-30	12.00	5.10	5.48	6.65	6.90	6.52	5.35
MW-31	17.00	3.70	4.15	5.05	13.30	12.85	11.95
MW-32	13.00	3.70	4.00	5.15	9.30	9.00	7.85
MW-33	15.00	5.00	5.49	6.35	10.00	9.51	8.65
MW-34R	13.36	6.70	6.89	8.60	6.66	6.47	4.76
MW-35	5.10	4.50	4.97	6.20	0.60	0.13	-1.10

Created by: JWW
Checked by: ECS

Table-2
Analytical Results
Chicora Tank Farm, CNC

COC/Method	MW-02			MW-03			MW-04			MW-05			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(b)flouranthene	0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	0.24	ND	0.90J	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	0.43J	NS	NS	ND	NS	NS	ND	NS	NS	ND	40
Naphthalene	**61**	**180**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25
Toluene	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
o-xylene	ND	ND	0.29J	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000

COC/Method	MW-08			MW-09			MW-10			MW-11			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(b)flouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	ND	0.397	ND	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	ND	0.26	ND	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.95	ND	ND	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	40
Naphthalene	1.9	ND	ND	ND	ND	ND	4.2	9.2	ND	ND	ND	ND	25
Toluene	0.32	ND	ND	2.4	ND	ND	0.22	ND	ND	0.25	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	ND	1.5	ND	0.28J	ND	ND	ND	5,000

Table-2
Analytical Results
Chicora Tank Farm, CNC

COC/Method	MW-14			MW-15			MW-16			MW-17			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(b)flouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	1.9	ND	1.9	ND	ND	ND	0.93	ND	1.4	2.4	2.3	1.7	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	3.1	NS	NS	ND	NS	NS	2.5	NS	NS	2.2	40
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25
Toluene	2.8	ND	ND	0.30	ND	ND	1.2	ND	ND	0.31	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000

COC/Method	MW-19			MW-20			MW-22			MW-23			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	NS-D	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	10
Benzo(b)flouranthene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	0.85J	NS	NS	ND	NS	NS	NS-D	NS	NS	ND	40
Naphthalene	ND	ND	ND	ND	1.6	ND	ND	ND	NS-D	ND	ND	ND	25
Toluene	0.24	ND	ND	0.52	0.52	ND	4.1	ND	NS-D	0.29	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	ND	ND	ND	NS-D	ND	ND	ND	5,000

Table-2
Analytical Results
Chicora Tank Farm, CNC

COC/Method	MW-24			MW-25			MW-26			MW-27			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	NS-D	NS	NS	NS-D	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	10
Benzo(b)flouranthene	0.13	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	0.40	0.40	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	ND	NS	NS	NS-D	NS	NS	NS-D	NS	NS	ND	40
Naphthalene	2.2	ND	ND	1.5	ND	NS-D	ND	ND	NS-D	ND	ND	ND	25
Toluene	0.37	ND	ND	0.30	ND	NS-D	0.33	ND	NS-D	ND	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	NS-D	ND	ND	NS-D	ND	ND	ND	5,000

COC/Method	MW-28			MW29R			MW-30			MW-31			RBSL
	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	5/10/2006	12/1/2005	5/9/2006	8/6/2008	12/1/2005	5/9/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(b)flouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	40
Naphthalene	1.1	0.772	ND	1.2	1	ND	ND	ND	ND	ND	ND	ND	25
Toluene	0.56	ND	ND	0.61	ND	ND	0.37	ND	ND	1.9	ND	ND	1,000
m&p -xylene	ND	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000

Table-2
Analytical Results
Chicora Tank Farm, CNC

COC/Method	MW-32			MW-33			MW-34R			MW-35			RBSL
	11/30/2005	5/9/2006	8/6/0/	11/30/2005	5/9/2006	8/6/2008	12/1/2005	5/8/2006	8/6/2008	12/2/2005	5/8/2006	8/6/2008	
8011 GCS EDB	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	10
Benzo(b)flouranthene	ND	ND	ND	ND	ND	ND	0.72	ND	ND	ND	ND	ND	10
Benzo(k)frouranthene	ND	ND	ND	ND	ND	ND	0.30	ND	ND	ND	ND	ND	10
Chrysene	ND	ND	ND	ND	ND	ND	0.95	ND	ND	ND	ND	ND	10
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**
Benzene	ND	ND	ND	ND	ND	ND	2.3	ND	1.4	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	ND	ND	43	ND	11.1	ND	ND	ND	700
Methyl-tert-buty ether (MTBE)	NS	NS	ND	NS	NS	ND	NS	NS	ND	NS	NS	ND	40
Naphthalene	20	20	ND	ND	ND	ND	**350**	ND	**51.4**	1.1	3.61	ND	25
Toluene	4.1	ND	ND	0.21	ND	ND	8.6	ND	0.13J	ND	ND	ND	1,000
m&p -xylene	ND	ND	ND	ND	ND	ND	110	ND	14.8	ND	ND	ND	5,000
o-xylene	ND	ND	ND	ND	ND	ND	110	ND	0.27J	ND	ND	ND	5,000

ND = Not Detected
NS = This Parameter not sampled for during this event
NS-D = Not Sampled, Well is destroyed
RBSL = Risk Based Screening Level (from Table-B1, South Carolina Risk-Based Corrective Action For Petroleum Releases, May 15, 2001)
Bold = Value exceeds the RBSL
J = Estimted concentration above the adjusted method detection limit and below the adjusted reporting limit.

Created by: JWW
Checked by: ECS

Table-3
Historical Geochemical Parameters
Chicora Tank Farm

Well Number	Sample Date [1]	DTW	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (Celcius)	ORP (mV)
MW-02	12/1/2005	6.24	6.62	0.680	141.0	10.91	19.70	NS
	5/8/2006	6.71	7.33	0.104	39.0	10.91	19.70	NS
	8/6/2008	7.55	5.38	0.900	0.2	0.99	23.94	-9
WW-03	11/30/2005	5.60	6.28	0.059	46.0	8.00	20.60	NS
	5/8/2006	5.00	5.95	0.097	119.0	9.88	19.20	NS
	8/6/2008	6.35	6.65	0.280	0.5	1.67	24.65	190
MW-04	12/2/2005	4.30	6.06	0.045	87.0	6.25	20.40	NS
	5/8/2006	4.58	5.33	0.079	10.0	10.35	19.00	NS
	8/6/2008	5.75	5.48	0.125	66.2	0.39	22.91	66
MW-05	12/2/2005	6.70	6.73	0.160	38.0	5.98	20.50	NS
	5/8/2006	4.07	6.99	0.153	79.0	10.38	19.80	NS
	8/6/2008	8.05	5.61	0.243	0.0	0.15	27.58	86
MW-08	12/1/2005	3.50	7.02	0.836	18.0	8.38	20.20	NS
	5/8/2006	3.86	8.03	0.752	8.0	10.79	18.80	NS
	8/7/2008	5.35	6.75	0.800	44.2	0.58	25.02	-160
MW-09	11/30/2005	7.70	6.69	0.806	51.0	8.20	21.80	NS
	5/9/2006	8.01	6.56	0.554	58.0	9.89	18.60	NS
	8/7/2008	8.65	6.11	0.900	2.2	0.10	23.52	-111
MW-10	11/30/2005	5.90	6.81	1.050	80.0	8.59	20.80	NS
	5/9/2006	6.01	7.55	1.380	80.0	8.88	18.30	NS
	8/7/2008	6.67	6.58	1.310	42.1	0.53	23.65	-155
MW-11	11/30/2005	4.00	7.08	0.910	73.0	8.70	21.30	NS
	5/8/2006	4.39	6.97	0.899	10.0	10.12	18.60	NS
	8/7/2008	5.88	6.68	1.020	50.1	0.58	24.05	-109
MW-14	12/1/2005	4.40	7.03	0.775	72.0	8.10	18.10	NS
	5/9/2006	4.42	6.94	0.759	116.0	NS	18.50	NS
	8/7/2008	5.25	6.5	0.714	57.3	0.59	22.14	-109
MW-15	11/30/2005	7.50	6.81	0.494	42.0	7.86	21.40	NS
	5/9/2006	7.85	6.54	0.240	12.0	NS	18.80	NS
	8/6/2008	8.42	6.37	0.570	134.0	0.53	25.57	-113
MW-16	11/30/2005	3.80	6.52	0.437	48.0	8.23	20.70	NS
	5/9/2006	3.78	6.30	0.158	6.0	NS	18.40	NS
	8/6/2008	4.79	6.28	0.559	72.1	0.52	24.13	-52
MW-17	12/1/2005	3.90	7.26	0.914	70.0	9.09	18.80	NS
	5/9/2006	3.75	7.30	0.865	435.0	NS	19.40	NS
	8/6/2008	4.45	7.06	0.750	75.6	0.44	23.00	-124
MW-19	12/1/2005	5.33	6.87	1.130	62.0	9.01	21.60	NS
	5/9/2006	5.33	7.61	1.000	999.0	9.47	18.30	NS
	8/7/2008	5.95	6.58	1.120	65.3	0.45	23.77	-136
MW-20	11/30/2005	3.20	6.69	0.608	230.0	8.18	21.00	NS
	5/8/2006	3.52	7.80	0.781	65.0	10.61	19.20	NS
	8/7/2008	4.88	6.71	0.827	56.3	0.53	29.53	26

Table-3
Historical Geochemical Parameters
Chicora Tank Farm

Well Number	Sample Date	DTW	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (Celcius)	ORP (mV)
MW-21	MW-21 Destroyed							
MW-22	11/30/2005	4.50	7.38	0.925	999.0	10.03	21.20	NS
	5/9/2006	4.51	7.06	1.010	251.0	NS	17.80	NS
	8/6/2008	MW-22 Buried Under Construction Debris						
MW-23	11/30/2005	4.73	6.95	0.530	46.0	8.16	20.90	NS
	5/9/2006	4.94	6.93	0.493	127.0	NS	18.00	NS
	8/7/2008	5.25	6.41	0.999	28.2	0.05	22.77	-105
MW-24	11/30/2005	5.92	6.72	0.374	305.0	7.44	21.50	NS
	5/9/2006	6.09	6.72	0.405	532.0	NS	18.70	NS
	8/7/2008	6.35	6.23	0.999	30.2	0.08	23.74	-25
MW-25	11/30/2005	6.94	7.07	0.589	999.0	9.38	21.50	NS
	5/9/2006	7.08	6.91	0.609	161.0	8.84	18.30	NS
	8/6/2008	MW-25 Buried Under Construction Debris						
MW-26	12/1/2005	4.40	7.20	0.866	424.0	8.19	19.80	NS
	5/9/2006	4.31	7.95	0.809	64.0	9.93	18.80	NS
	8/6/2008	MW-26 Destroyed						
MW-27	12/1/2005	4.50	6.85	0.763	52.0	7.61	21.40	NS
	5/9/2006	4.50	7.67	0.920	66.0	10.04	18.40	NS
	8/6/2008	5.02	6.57	0.960	56.8	0.57	23.30	-83
MW-28	12/1/2005	1.20	6.85	1.690	142.0	9.20	19.90	NS
	5/9/2006	1.27	7.58	1.660	63.0	10.35	19.10	NS
	8/6/2008	4.30	6.73	0.735	112.0	0.49	22.57	-38
MW-29R	11/29/2005	3.35	6.98	1.080	66.0	9.60	22.20	NS
	5/9/2006	3.48	7.66	1.040	573.0	8.97	19.10	NS
	8/6/2008	4.22	6.63	1.100	108.0	0.61	24.56	-142
MW-30	11/30/2005	5.10	6.90	0.960	622.0	8.67	21.30	NS
	5/9/2006	5.48	7.70	1.120	469.0	8.92	18.20	NS
	8/7/2008	6.65	6.60	1.140	50.7	0.69	23.49	-109
MW-31	11/30/2005	3.70	7.19	0.605	168.0	10.30	21.40	NS
	5/9/2006	4.15	7.96	0.489	13.0	9.23	17.70	NS
	8/7/2008	5.05	6.40	0.720	2.4	0.00	21.79	-104
MW-32	11/30/2005	3.70	7.06	67.000	240.0	10.51	21.70	NS
	5/9/2006	4.00	7.72	0.606	37.0	9.37	17.70	NS
	8/7/2008	5.15	6.61	0.869	10.5	0.16	22.10	-120
MW-33	11/30/2005	5.00	7.08	1.010	73.0	9.12	21.05	NS
	5/9/2006	5.49	7.83	0.904	25.0	8.96	18.40	NS
	8/7/2008	6.35	6.37	1.080	7.4	0.52	22.78	76
MW-34R	11/30/2005	6.70	6.83	0.650	63.0	7.90	21.60	NS
	5/8/2006	6.89	Not Sampled due to presence of Free Product					
	8/6/2008	8.60	5.94	0.970	139.0	0.04	25.28	-134
MW-35	12/2/2005	4.50	6.05	0.067	999.0	7.80	20.40	NS
	5/8/2006	4.97	6.52	0.093	62.0	10.72	19.40	NS
	8/6/2008	6.20	5.19	0.170	7.2	2.19	22.81	181

Created by: JWW
Checked by: ECS

Notes:

1. Sampling parameters in 2005 and 2006 were collected using a Horiba U-10; Sampling parematers in 2008 were collected using a Horiba U-22 with a flow-through cell.

NS = Not Sampled

FIGURES

0 250 500 1,000 1,500 2,000

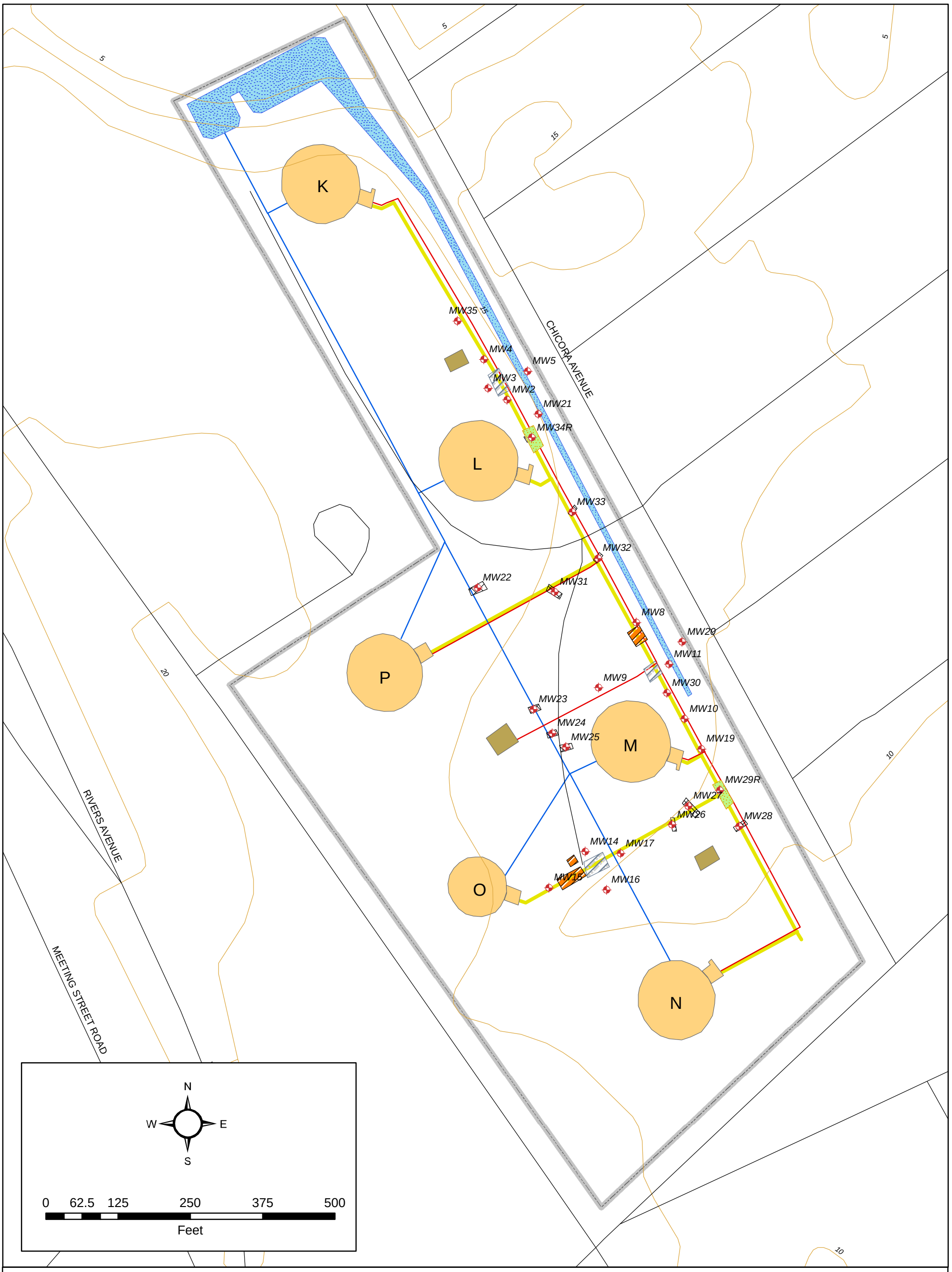
Feet

N
W E
S

Figure-1
Site Location Map
Chicora Tank Farm
Former CNC

Projection: Transverse Mercator
Coordinate System: Clarke 1866 UTM Zone 17N
Map Scale: 1:10,000
Created by: JWW, 9/5/2008
Checked by: ECS, 9/5/2008

ADVENT
Environmental Consulting and Design



Legend

- Monitoring Wells
- Elevation
- French Drain Line
- Former Power Line
- Former Supply Pipe
- Former AST Location
- Trench-STEP
- Excavation-ADVENT
- Excavation-NAVFAC
- Excavation-STEP
- Former Pump Equipment
- Pump House
- Retention Basin
- Tank Farm

Projection: Transverse Mercator
Coordinate System: Clarke_1866_UTM_Zone_17N
Scale: 1:1,800
Created by: JWW 9/11/2008
Checked by: ECS 9/11/2008

Figure-2

Site Map
Chicora Tank Farm
Former CNC
North Charleston, SC

ADVENT
Environmental Consulting and Design

Legend

- Monitoring Wells
- Potentiometric Lines
- Tank Farm

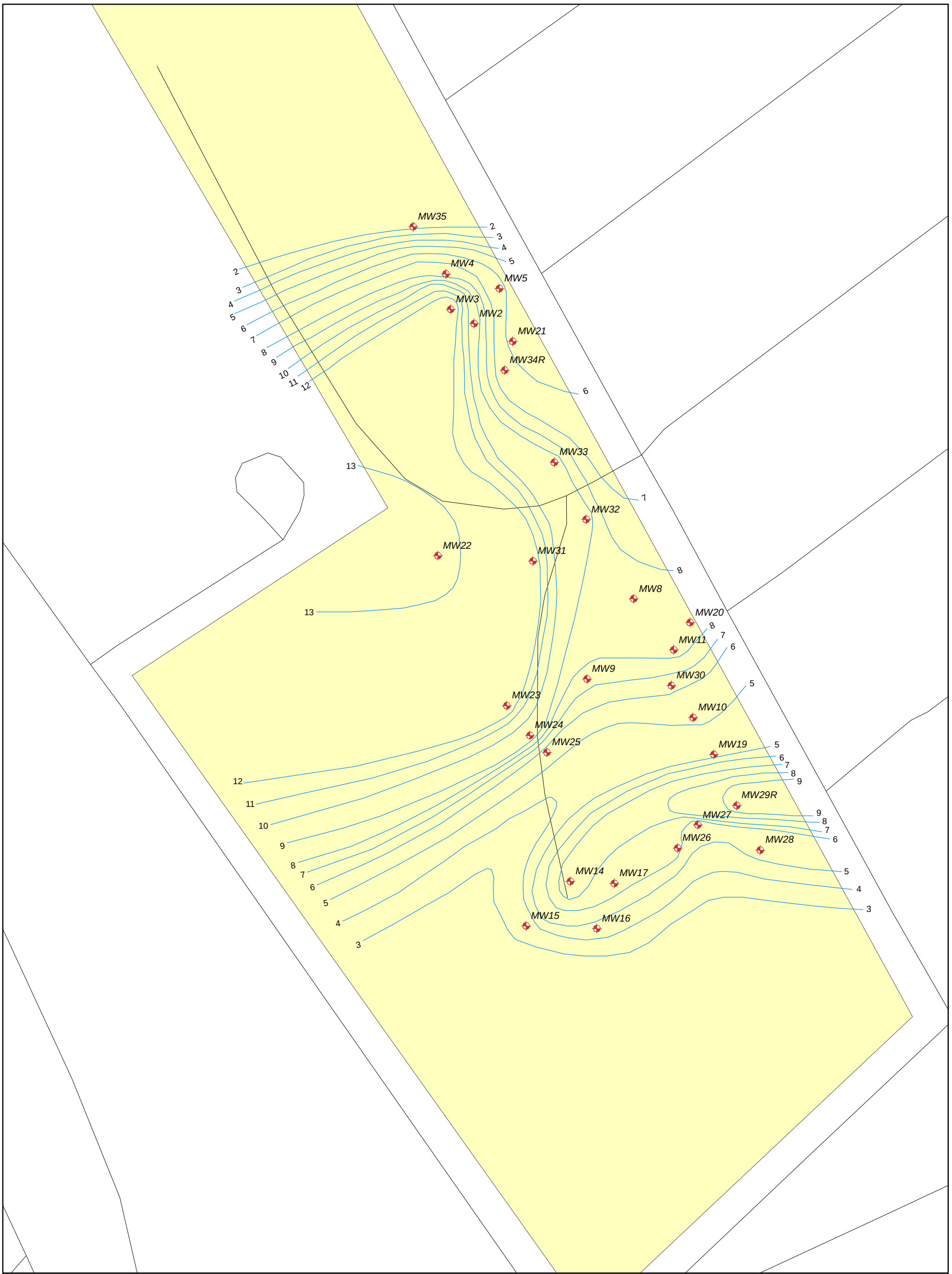
0 62.5 125 250 375 500
Feet

N
W E
S

Figure-3
Potentiometric Map (2005)
Chicora Tank Farm
Former CNC

ADVENT
Environmental Consulting and Design

Projection: Transverse Mercator
Coordinate System: Clarke_1866_UTM_Zone_17N
Scale: 1:1,500
Created by: JWW 9/12/2008
Checked by: ECS 9/12/2008



Legend

- Monitoring Wells
- Potentiometric Lines
- Tank Farm

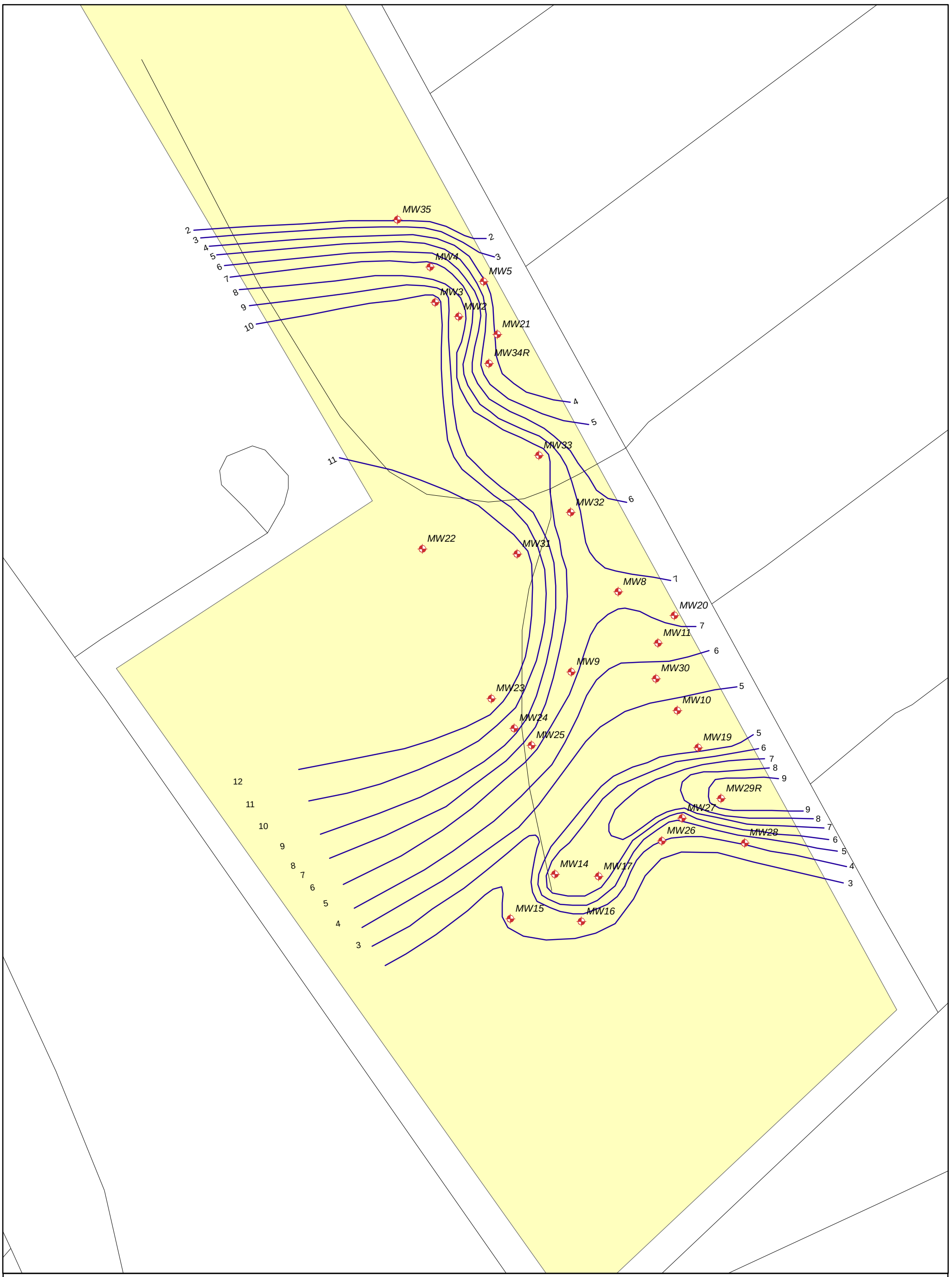
0 60 120 240 360 480
Feet

N
W E
S

Projection: Transverse Mercator
Coordinate System: Clarke_1866_UTM_Zone_17N
Scale: 1:1,500
Created by: JWW 9/12/2008
Checked by: ECS 9/12/2008

Figure-4
Potentiometric Map (2006)
Chicora Tank Farm
Former CNC

ADVENT
Environmental Consulting and Design



Legend

- Monitoring Wells
- Potentiometric Lines
- Tank Farm

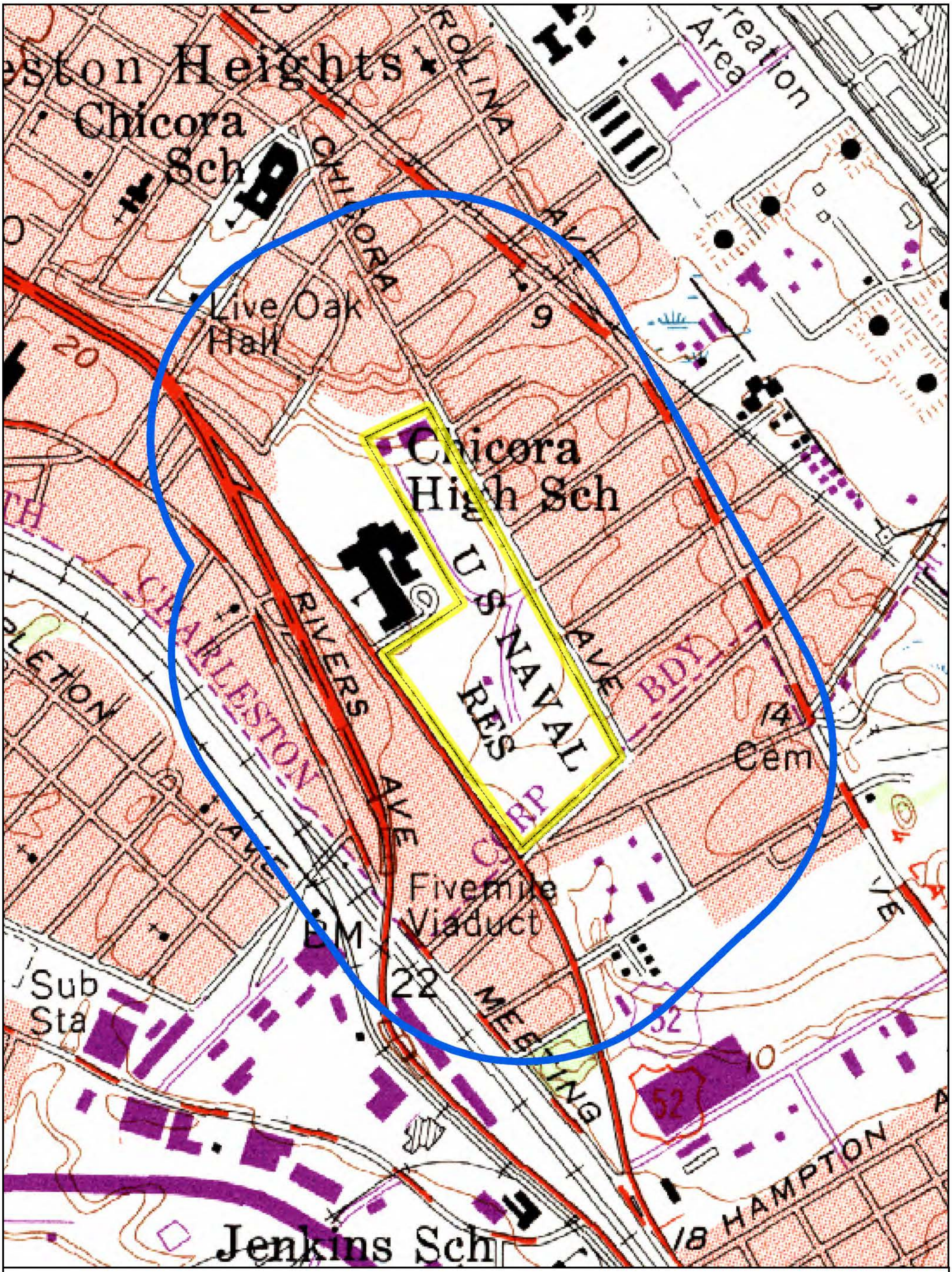
0 60 120 240 360 480
Feet

N
W E
S

Projection: Transverse Mercator
Coordinate System: Clarke_1866_UTM_Zone_17N
Scale: 1:1,500
Created by: JWW 9/12/2008
Checked by: ECS 9/12/2008

Figure-5
Potentiometric Map (2007)
Chicora Tank Farm
Former CNC

ADVENT
Environmental Consulting and Design



Legend

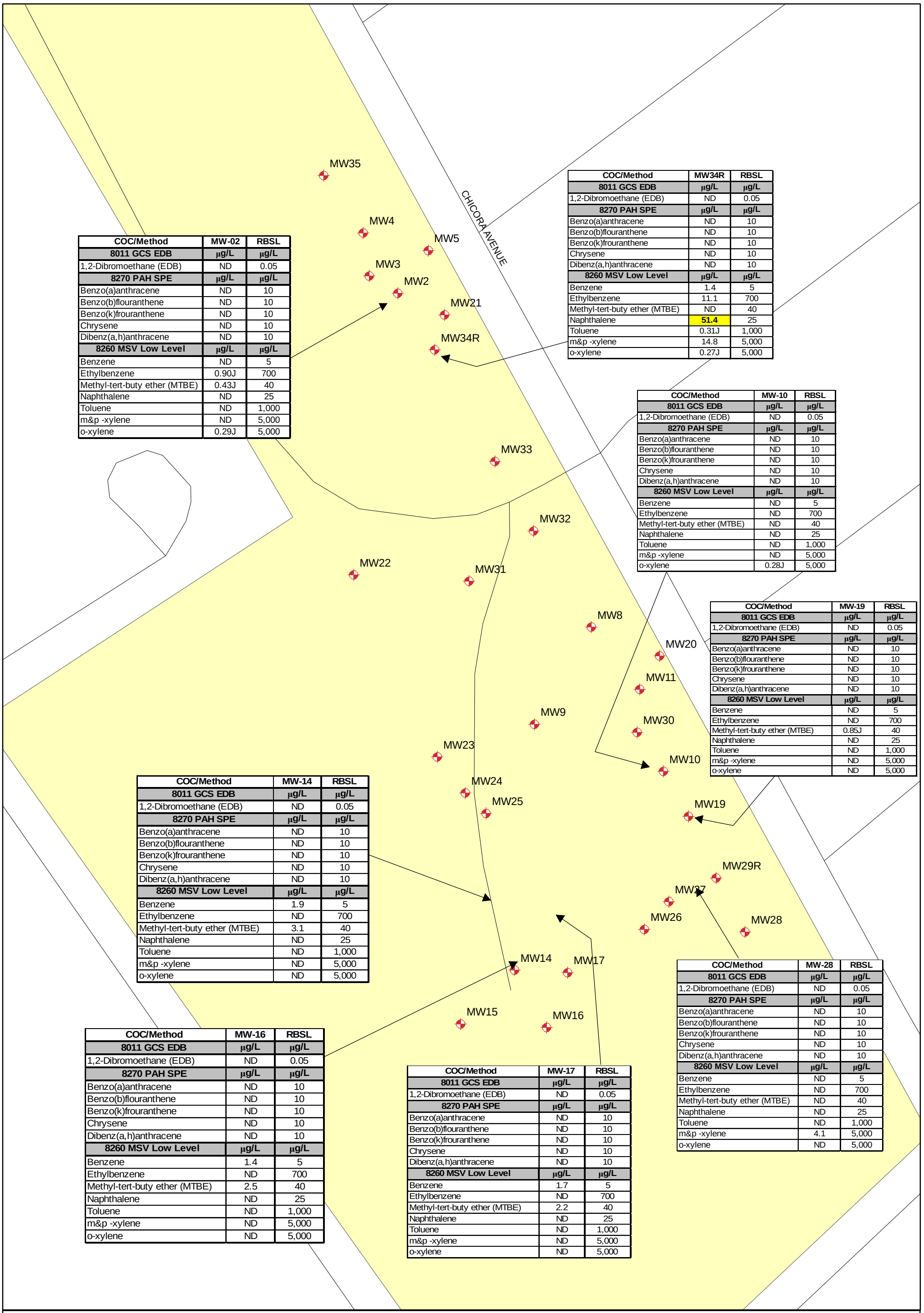
Tank Farm

1,000 Ft Buffer

Figure-6
Receptor Survey Map
Chicora Tank Farm
Former CNC

US Geological Survey
7.5 Minute Topographic Map
Charleston, SC Quadrangle
Created: 1979, Photorevised: 1990

ADVENT
Environmental Consulting and Design



COC/Method	MW-02	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	ND	5
Ethylbenzene	0.90J	700
Methyl-tert-buty ether (MTBE)	0.43J	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	0.29J	5,000

COC/Method	MW34R	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	1.4	5
Ethylbenzene	11.1	700
Methyl-tert-buty ether (MTBE)	ND	40
Naphthalene	**51.4**	25
Toluene	0.31J	1,000
m&p -xylene	14.8	5,000
o-xylene	0.27J	5,000

COC/Method	MW-10	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	ND	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	ND	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	0.28J	5,000

COC/Method	MW-19	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	ND	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	0.85J	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	ND	5,000

COC/Method	MW-14	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	1.9	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	3.1	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	ND	5,000

COC/Method	MW-28	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	ND	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	ND	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	4.1	5,000
o-xylene	ND	5,000

COC/Method	MW-16	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	1.4	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	2.5	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	ND	5,000

COC/Method	MW-17	RBSL
8011 GCS EDB	**µg/L**	**µg/L**
1,2-Dibromoethane (EDB)	ND	0.05
8270 PAH SPE	**µg/L**	**µg/L**
Benzo(a)anthracene	ND	10
Benzo(b)flouranthene	ND	10
Benzo(k)frouranthene	ND	10
Chrysene	ND	10
Dibenz(a,h)anthracene	ND	10
8260 MSV Low Level	**µg/L**	**µg/L**
Benzene	1.7	5
Ethylbenzene	ND	700
Methyl-tert-buty ether (MTBE)	2.2	40
Naphthalene	ND	25
Toluene	ND	1,000
m&p -xylene	ND	5,000
o-xylene	ND	5,000

Legend

Tank Farm

Monitoring Wells

0 45 90 180 270 360
Feet

N
W E
S

Projection: Clarke 1866 UTM Zone-17N
Map Scale: 1:1,750
Created by: JWW, 09/05/2008
Checked by: ECS, 09/05/2008

Figure-7

Current Analytical Results
Chicora Tank Farm,
Former CNC

ADVENT
Environmental Consulting and Design

APPENDICES

APPENDIX A

TAX MAP/LIST OF ADJACENT PROPERTIES

Charleston County Tax Assessors tax map depicting the Chicora Tank Farm and surrounding properties.

Properties Adjacent to the Chicora Tank Farm

Tax ID #	Owner Name	Street Address	City	State	Zip Code
4660300104	Dorothy Scott	634 Yale Dr.	Charleston	SC	29412
4660300105	Stephen McCorkle	2 Middleton Pl.	Charleston	SC	29403
4660300106	Willie Williams	3427 Apache St.	North Charleston	SC	29405
4660300107	Kamini Patel	3245 Rivers Ave.	North Charleston	SC	29405
4660300108	Kamini Patel	3245 Rivers Ave.	North Charleston	SC	29405
4660300177	Edward Simmons	PO Box 182	Eutawville	SC	29048
4691600033	Kenneth Connor	1587 Seacroft Rd.	Charleston	SC	29412
4691600034	Stephen R. Burnett	3069 Sunset Landing Dr.	Jacksonville	FL	32226
4691600082	Kenneth Connor	1587 Seacroft Rd.	Charleston	SC	29412
4691600083	Kenneth Connor	1587 Seacroft Rd.	Charleston	SC	29412
4691600131	Line-4 Properties, LLC	PO Box 5311	North Charleston	SC	29405
4691600132	Kimberly M. Jones	8529 Brookforest Dr.	North Charleston	SC	29406
4691600179	Stephen H. Holly	10 Three Pence Ln.	Charleston	SC	29414
4691600180	CTG Dodds, LLC	1427 Topaz Dr.	Mt. Pleasant	SC	29466
4691600181	James E. Pope	2006 Carlton St.	North Charleston	SC	29405
4691600223	Lisle A. Ulichnie	779 Whispering Marsh Dr.	Charleston	SC	29412
4691600224	Lindsey G. Hillman	105 Brandy Ct.	Summerville	SC	29485
4691600260	Paul Evangelist	2245 Ashley Crossing Dr.	Charleston	SC	29414
4691600261	Hosey Construction Co.	5524 Dutton Ave., Ste-C1	North Charleston	SC	29406
4691600246	City of North Charleston	PO Box 190016	North Charleston	SC	29419
4691200196	City of North Charleston	PO Box 190016	North Charleston	SC	29419
4691200172	Cooper River Park and Playground Commission	PO Box 5247	North Charleston	SC	29405
4691200173	City of North Charleston	PO Box 190016	North Charleston	SC	29419
4691200127	Patricia A. Frasier	2012 Orvid St.	North Charleston	SC	29405
4691200128	Crisoforo Martinez	2014 Orvid St.	North Charleston	SC	29405
4691200129	Eunice Pearl Reynolds	2020 Orvid St.	North Charleston	SC	29405
4691200130	Mary Y. Harper	3100 Ivory Ave.	North Charleston	SC	29405
4691500104	M & J Properties	PO Box 11688	Atlanta	GA	30355
4691500102	Barrett Partnership	2960 River Ave.	North Charleston	SC	29405
4691500101	Michael H. Rabin	PO Box 20547	Charleston	SC	29413
4691500100	Michael H. Rabin	PO Box 20547	Charleston	SC	29413
4691500098	Charles B. Branan	45 Montagu St.	Charleston	SC	29401
4691500097	Cross Atlantic, LLC	PO Box 70902	Charleston	SC	29415
4691500096	Cross Atlantic, LLC	PO Box 70902	Charleston	SC	29415
4691500095	Cross Atlantic, LLC	PO Box 70902	Charleston	SC	29415
4691500094	Carp, LLC	1181 Chersonese Round	Mt. Pleasant	SC	29464
4691500093	Carner Avenue South Carolina, LLC	7809 Old Rockside Rd.	Cleveland	OH	44131
4691500142	South Carolina Center for Equal Justice	701 S. Main St.	Greenville	SC	29601

APPENDIX B

ADVENT ANALYTICAL RESULTS

2005 RESULTS

ANALYTICAL REPORT

Job Number: 400-6988-1

SDG Number: 05-526

Job Description: Chicora Tank Farm

For:

Advent Environmental, Inc.
498 Wando Park Blvd.
Suite 500
Mt. Pleasant, SC 29464

Attention: Mr. Brian Crawford

Erin S Carter

Project Manager I

ecarter@stl-inc.com

12/15/2005

cc: James Weeg

The test results in this report meet all NELAP requirements for accredited parameters. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced except in full, and with written approval from the laboratory. STL Pensacola Certifications and Approvals: Alabama (#40150), Arizona (#AZ0589), Arkansas (#88-0689), California (#2510), Connecticut (#PH-0697), Florida (#E81010), Florida CQAP (#980156), Illinois (#200041), Iowa (#367), Kansas (#E10253), Kentucky (#90043), Kentucky UST (#0053), Louisiana (#30748), Maryland (#233), Massachusetts (#M-FL094), Michigan (#9912), New Hampshire (#250502), New Jersey (#FL006), North Carolina (#314), North Dakota (#R-108), Oklahoma (#9810), Pennsylvania (#68-467), South Carolina (#96026), Tennessee (#02907), Virginia (#00008), West Virginia (#136), EPA ICR (#ICRFL031), USDA Foreign Soil Permit (#S-37599).

METHOD SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL-PEN	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL-PEN		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL-PEN	SW846 8270C	
Ultrasonic Extraction	STL-PEN		SW846 3550B
Percent Moisture	STL-PEN	EPA 160.3	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-PEN	SW846 8260B	
Purge-and-Trap	STL-PEN		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL-PEN	SW846 8270C	
Continuous Liquid-Liquid Extraction	STL-PEN		SW846 3520C

LAB REFERENCES:

STL-PEN = STL-Pensacola

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method	Analyst	Analyst ID
SW846 8260B	Bowers, David	DB
SW846 8260B	Drew, Walter	WD
SW846 8270C	Schumann, Jane	JS
SW846 8270C	Wingo, Rita	RW
EPA 160.3	Nelson, Darlene	DN

SAMPLE SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-6988-1	MW34 BOTTOM	Solid	11/16/2005 1000	11/17/2005 0940
400-6988-2	MW34 SOUTH	Solid	11/16/2005 1010	11/17/2005 0940
400-6988-3	MW34 WEST	Solid	11/16/2005 1020	11/17/2005 0940
400-6988-4	MW34 EAST	Solid	11/16/2005 1030	11/17/2005 0940
400-6988-5	MW34 NORTH	Solid	11/16/2005 1040	11/17/2005 0940
400-6988-6	MW29 NORTH	Solid	11/16/2005 1130	11/17/2005 0940
400-6988-7	MW29 SOUTH	Solid	11/16/2005 1150	11/17/2005 0940
400-6988-8	MW29 EAST	Solid	11/16/2005 1200	11/17/2005 0940
400-6988-9	MW29 WEST	Solid	11/16/2005 1210	11/17/2005 0940
400-6988-10	MW29 WATER	Water	11/16/2005 1305	11/17/2005 0940

SAMPLE RESULTS

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 BOTTOM**

Lab Sample ID:	400-6988-1			Date Sampled:	11/16/2005 1000
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17124		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17112		Lab File ID:	6988C1X.D
Dilution:	50			Initial Weight/Volume:	5.10 g
Date Analyzed:	11/22/2005 1833			Final Weight/Volume:	5 mL
Date Prepared:	11/18/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.021		0.021	0.28
Toluene		0.018	J *	0.014	0.28
Ethylbenzene		0.31		0.017	0.28
Xylenes, Total		1.3		0.040	0.56
Methyl tert-butyl ether		<0.023		0.023	0.28
Naphthalene		7.5		0.056	0.28

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	82 - 154
Dibromofluoromethane	95	68 - 155
Toluene-d8	98	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 SOUTH**

Lab Sample ID:	400-6988-2			Date Sampled:	11/16/2005 1010
Client Matrix:	Solid	% Moisture:	11	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A2.D
Dilution:	1.0			Initial Weight/Volume:	5.02 g
Date Analyzed:	11/22/2005 1441			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00041		0.00041	0.0056
Toluene		0.00098	J	0.00028	0.0056
Ethylbenzene		0.00040	J	0.00035	0.0056
Xylenes, Total		0.0010	J	0.00079	0.011
Methyl tert-butyl ether		<0.00047		0.00047	0.0056
Naphthalene		0.012	B	0.0011	0.0056

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	82 - 154
Dibromofluoromethane	103	68 - 155
Toluene-d8	98	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 WEST**

Lab Sample ID:	400-6988-3			Date Sampled:	11/16/2005 1020
Client Matrix:	Solid	% Moisture:	11	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A3.D
Dilution:	1.0			Initial Weight/Volume:	5.06 g
Date Analyzed:	11/22/2005 1500			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00041		0.00041	0.0056
Toluene		0.0065		0.00028	0.0056
Ethylbenzene		0.014		0.00034	0.0056
Xylenes, Total		0.043		0.00079	0.011
Methyl tert-butyl ether		<0.00047		0.00047	0.0056
Naphthalene		0.016	B	0.0011	0.0056

Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	78	*	82 - 154
Dibromofluoromethane	109		68 - 155
Toluene-d8	88		85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW34 EAST

Lab Sample ID:	400-6988-4			Date Sampled:	11/16/2005 1030
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17124		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17112		Lab File ID:	6988C4X.D
Dilution:	100			Initial Weight/Volume:	5.03 g
Date Analyzed:	11/22/2005 1852			Final Weight/Volume:	5 mL
Date Prepared:	11/18/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.042		0.042	0.56
Toluene		0.22	J *	0.028	0.56
Ethylbenzene		0.99		0.035	0.56
Xylenes, Total		5.9		0.080	1.1
Methyl tert-butyl ether		<0.047		0.047	0.56
Naphthalene		15		0.11	0.56

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	82 - 154
Dibromofluoromethane	97	68 - 155
Toluene-d8	98	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 NORTH**

Lab Sample ID:	400-6988-5			Date Sampled:	11/16/2005 1040
Client Matrix:	Solid	% Moisture:	13	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17124		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17112		Lab File ID:	6988C5X.D
Dilution:	100			Initial Weight/Volume:	5.06 g
Date Analyzed:	11/22/2005 1911			Final Weight/Volume:	5 mL
Date Prepared:	11/18/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		0.044	J	0.042	0.57
Toluene		0.83	*	0.028	0.57
Ethylbenzene		2.8		0.035	0.57
Xylenes, Total		16		0.081	1.1
Methyl tert-butyl ether		<0.048		0.048	0.57
Naphthalene		28		0.11	0.57

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	82 - 154
Dibromofluoromethane	96	68 - 155
Toluene-d8	98	85 - 186

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 NORTH**

Lab Sample ID:	400-6988-6			Date Sampled:	11/16/2005 1130
Client Matrix:	Solid	% Moisture:	20	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A6.D
Dilution:	1.0			Initial Weight/Volume:	5.09 g
Date Analyzed:	11/22/2005 1519			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00046		0.00046	0.0062
Toluene		0.0010	J	0.00031	0.0062
Ethylbenzene		<0.00038		0.00038	0.0062
Xylenes, Total		0.00099	J	0.00087	0.012
Methyl tert-butyl ether		<0.00052		0.00052	0.0062
Naphthalene		0.0042	J B	0.0012	0.0062

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	82 - 154
Dibromofluoromethane	100	68 - 155
Toluene-d8	98	85 - 186

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 SOUTH**

Lab Sample ID:	400-6988-7			Date Sampled:	11/16/2005 1150
Client Matrix:	Solid	% Moisture:	22	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A7.D
Dilution:	1.0			Initial Weight/Volume:	5.10 g
Date Analyzed:	11/22/2005 1539			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00046		0.00046	0.0063
Toluene		0.00040	J	0.00031	0.0063
Ethylbenzene		<0.00039		0.00039	0.0063
Xylenes, Total		<0.00089		0.00089	0.013
Methyl tert-butyl ether		<0.00053		0.00053	0.0063
Naphthalene		<0.0013		0.0013	0.0063

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	82 - 154
Dibromofluoromethane	99	68 - 155
Toluene-d8	98	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW29 EAST

Lab Sample ID:	400-6988-8			Date Sampled:	11/16/2005 1200
Client Matrix:	Solid	% Moisture:	19	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A8.D
Dilution:	1.0			Initial Weight/Volume:	5.08 g
Date Analyzed:	11/22/2005 1558			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00045		0.00045	0.0060
Toluene		0.0020	J	0.00030	0.0060
Ethylbenzene		<0.00037		0.00037	0.0060
Xylenes, Total		0.0010	J	0.00086	0.012
Methyl tert-butyl ether		<0.00051		0.00051	0.0060
Naphthalene		<0.0012		0.0012	0.0060

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	82 - 154
Dibromofluoromethane	103	68 - 155
Toluene-d8	97	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW29 WEST

Lab Sample ID:	400-6988-9			Date Sampled:	11/16/2005 1210
Client Matrix:	Solid	% Moisture:	21	Date Received:	11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 400-17033		Instrument ID:	GC/MS
Preparation:	5035	Prep Batch: 400-17029		Lab File ID:	6988A9.D
Dilution:	1.0			Initial Weight/Volume:	5.04 g
Date Analyzed:	11/22/2005 1617			Final Weight/Volume:	5 mL
Date Prepared:	11/22/2005 0800				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Benzene		<0.00046		0.00046	0.0063
Toluene		0.0012	J	0.00031	0.0063
Ethylbenzene		<0.00039		0.00039	0.0063
Xylenes, Total		<0.00089		0.00089	0.013
Methyl tert-butyl ether		<0.00053		0.00053	0.0063
Naphthalene		<0.0013		0.0013	0.0063

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	82 - 154
Dibromofluoromethane	97	68 - 155
Toluene-d8	96	85 - 186

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 WATER**

Lab Sample ID: 400-6988-10
Client Matrix: Water

Date Sampled: 11/16/2005 1305
Date Received: 11/17/2005 0940

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 11/21/2005 1532
Date Prepared: 11/21/2005 1532

Analysis Batch: 400-16755

Instrument ID: GC/MS
Lab File ID: 40698810.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	<1.0		1.0	1.0
Ethylbenzene	<0.90		0.90	5.0
Methyl tert-butyl ether	<0.89		0.89	5.0
Toluene	<0.80		0.80	5.0
Xylenes, Total	<1.6		1.6	10
Naphthalene	<1.8		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	83 - 126
Dibromofluoromethane	106	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 BOTTOM**

Lab Sample ID:	400-6988-1			Date Sampled:	11/16/2005 1000
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A1.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	11/26/2005 2056			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		1.7		0.0070	0.37
Acenaphthylene		<0.0057		0.0057	0.37
Anthracene		0.46		0.0077	0.37
Benzo[a]anthracene		0.40		0.0068	0.37
Benzo[a]pyrene		0.22	J	0.0054	0.37
Benzo[b]fluoranthene		0.35	J	0.0067	0.37
Benzo[g,h,i]perylene		<0.0062		0.0062	0.37
Benzo[k]fluoranthene		0.16	J	0.0083	0.37
Chrysene		0.32	J	0.0070	0.37
Dibenz(a,h)anthracene		<0.0045		0.0045	0.37
Fluoranthene		1.4		0.0076	0.37
Fluorene		2.5		0.0070	0.37
Indeno[1,2,3-cd]pyrene		<0.0051		0.0051	0.37
Naphthalene		4.5		0.0058	0.37
Phenanthrene		5.2		0.0085	0.37
Pyrene		1.6		0.0071	0.37

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	45 - 93
Nitrobenzene-d5	82	37 - 89
Terphenyl-d14	101	43 - 122

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 BOTTOM**

Lab Sample ID:	400-6988-1			Date Sampled:	11/16/2005 1000
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A1X.D
Dilution:	3.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	11/27/2005 2142			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
1-Methylnaphthalene		11		0.018	1.1
2-Methylnaphthalene		14		0.017	1.1

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 SOUTH**

Lab Sample ID:	400-6988-2			Date Sampled:	11/16/2005 1010
Client Matrix:	Solid	% Moisture:	11	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A2.D
Dilution:	1.0			Initial Weight/Volume:	30.11 g
Date Analyzed:	11/26/2005 2126			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0069		0.0069	0.37
Acenaphthylene		<0.0056		0.0056	0.37
Anthracene		<0.0076		0.0076	0.37
Benzo[a]anthracene		<0.0067		0.0067	0.37
Benzo[a]pyrene		<0.0054		0.0054	0.37
Benzo[b]fluoranthene		<0.0066		0.0066	0.37
Benzo[g,h,i]perylene		<0.0062		0.0062	0.37
Benzo[k]fluoranthene		<0.0082		0.0082	0.37
Chrysene		<0.0069		0.0069	0.37
Dibenz(a,h)anthracene		<0.0045		0.0045	0.37
Fluoranthene		<0.0075		0.0075	0.37
Fluorene		<0.0069		0.0069	0.37
Indeno[1,2,3-cd]pyrene		<0.0050		0.0050	0.37
Naphthalene		<0.0057		0.0057	0.37
Phenanthrene		<0.0084		0.0084	0.37
Pyrene		<0.0071		0.0071	0.37
1-Methylnaphthalene		<0.0060		0.0060	0.37
2-Methylnaphthalene		<0.0056		0.0056	0.37

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	53	45 - 93
Nitrobenzene-d5	44	37 - 89
Terphenyl-d14	69	43 - 122

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW34 WEST

Lab Sample ID:	400-6988-3			Date Sampled:	11/16/2005 1020
Client Matrix:	Solid	% Moisture:	11	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A3.D
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	11/26/2005 2157			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0070		0.0070	0.37
Acenaphthylene		<0.0056		0.0056	0.37
Anthracene		<0.0076		0.0076	0.37
Benzo[a]anthracene		<0.0067		0.0067	0.37
Benzo[a]pyrene		<0.0054		0.0054	0.37
Benzo[b]fluoranthene		<0.0066		0.0066	0.37
Benzo[g,h,i]perylene		<0.0062		0.0062	0.37
Benzo[k]fluoranthene		<0.0082		0.0082	0.37
Chrysene		<0.0070		0.0070	0.37
Dibenz(a,h)anthracene		<0.0045		0.0045	0.37
Fluoranthene		<0.0075		0.0075	0.37
Fluorene		<0.0070		0.0070	0.37
Indeno[1,2,3-cd]pyrene		<0.0051		0.0051	0.37
Naphthalene		<0.0057		0.0057	0.37
Phenanthrene		<0.0084		0.0084	0.37
Pyrene		0.43		0.0071	0.37
1-Methylnaphthalene		<0.0061		0.0061	0.37
2-Methylnaphthalene		<0.0056		0.0056	0.37

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	81	45 - 93
Nitrobenzene-d5	63	37 - 89
Terphenyl-d14	94	43 - 122

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW34 EAST

Lab Sample ID:	400-6988-4			Date Sampled:	11/16/2005 1030
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A4.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Date Analyzed:	11/26/2005 2228			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		1.6		0.0070	0.37
Acenaphthylene		<0.0056		0.0056	0.37
Anthracene		<0.0076		0.0076	0.37
Benzo[a]anthracene		0.33	J	0.0067	0.37
Benzo[a]pyrene		0.15	J	0.0054	0.37
Benzo[b]fluoranthene		0.27	J	0.0066	0.37
Benzo[g,h,i]perylene		<0.0062		0.0062	0.37
Benzo[k]fluoranthene		0.14	J	0.0082	0.37
Chrysene		0.32	J	0.0070	0.37
Dibenz(a,h)anthracene		<0.0045		0.0045	0.37
Fluoranthene		2.2		0.0075	0.37
Fluorene		2.9		0.0070	0.37
Indeno[1,2,3-cd]pyrene		<0.0051		0.0051	0.37
Phenanthrene		5.8		0.0084	0.37
Pyrene		0.98		0.0071	0.37

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	45 - 93
Nitrobenzene-d5	84	37 - 89
Terphenyl-d14	97	43 - 122

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 EAST**

Lab Sample ID:	400-6988-4			Date Sampled:	11/16/2005 1030
Client Matrix:	Solid	% Moisture:	12	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A4X.D
Dilution:	10			Initial Weight/Volume:	30.31 g
Date Analyzed:	11/27/2005 2213			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Naphthalene		5.2		0.057	3.7
1-Methylnaphthalene		18		0.061	3.7
2-Methylnaphthalene		25		0.056	3.7

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW34 NORTH**

Lab Sample ID:	400-6988-5			Date Sampled:	11/16/2005 1040
Client Matrix:	Solid	% Moisture:	13	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A5X.D
Dilution:	10			Initial Weight/Volume:	30.13 g
Date Analyzed:	11/29/2005 0402			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		3.4	J	0.071	3.8
Acenaphthylene		<0.057		0.057	3.8
Anthracene		<0.078		0.078	3.8
Benzo[a]anthracene		0.91	J	0.069	3.8
Benzo[a]pyrene		<0.055		0.055	3.8
Benzo[b]fluoranthene		0.70	J	0.068	3.8
Benzo[g,h,i]perylene		<0.063		0.063	3.8
Benzo[k]fluoranthene		<0.084		0.084	3.8
Chrysene		0.91	J	0.071	3.8
Dibenz(a,h)anthracene		<0.046		0.046	3.8
Fluoranthene		2.7	J	0.077	3.8
Fluorene		7.0		0.071	3.8
Indeno[1,2,3-cd]pyrene		<0.052		0.052	3.8
Naphthalene		12		0.058	3.8
Phenanthrene		15		0.086	3.8
Pyrene		3.7	J	0.072	3.8
1-Methylnaphthalene		36		0.062	3.8
2-Methylnaphthalene		50		0.057	3.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	76	45 - 93
Nitrobenzene-d5	88	37 - 89
Terphenyl-d14	79	43 - 122

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 NORTH**

Lab Sample ID:	400-6988-6			Date Sampled:	11/16/2005 1130
Client Matrix:	Solid	% Moisture:	20	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A6R.D
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Date Analyzed:	11/27/2005 2009			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0078		0.0078	0.41
Acenaphthylene		<0.0063		0.0063	0.41
Anthracene		<0.0085		0.0085	0.41
Benzo[a]anthracene		<0.0075		0.0075	0.41
Benzo[a]pyrene		<0.0060		0.0060	0.41
Benzo[b]fluoranthene		<0.0074		0.0074	0.41
Benzo[g,h,i]perylene		<0.0069		0.0069	0.41
Benzo[k]fluoranthene		<0.0091		0.0091	0.41
Chrysene		<0.0078		0.0078	0.41
Dibenz(a,h)anthracene		<0.0050		0.0050	0.41
Fluoranthene		<0.0084		0.0084	0.41
Fluorene		<0.0078		0.0078	0.41
Indeno[1,2,3-cd]pyrene		<0.0056		0.0056	0.41
Naphthalene		<0.0064		0.0064	0.41
Phenanthrene		<0.0094		0.0094	0.41
Pyrene		<0.0079		0.0079	0.41
1-Methylnaphthalene		<0.0068		0.0068	0.41
2-Methylnaphthalene		<0.0063		0.0063	0.41

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	45 - 93
Nitrobenzene-d5	51	37 - 89
Terphenyl-d14	84	43 - 122

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 SOUTH**

Lab Sample ID:	400-6988-7			Date Sampled:	11/16/2005 1150
Client Matrix:	Solid	% Moisture:	22	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A7R.D
Dilution:	1.0			Initial Weight/Volume:	30.30 g
Date Analyzed:	11/27/2005 2040			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0079		0.0079	0.42
Acenaphthylene		<0.0063		0.0063	0.42
Anthracene		<0.0086		0.0086	0.42
Benzo[a]anthracene		<0.0076		0.0076	0.42
Benzo[a]pyrene		<0.0061		0.0061	0.42
Benzo[b]fluoranthene		<0.0075		0.0075	0.42
Benzo[g,h,i]perylene		<0.0070		0.0070	0.42
Benzo[k]fluoranthene		<0.0093		0.0093	0.42
Chrysene		<0.0079		0.0079	0.42
Dibenz(a,h)anthracene		<0.0051		0.0051	0.42
Fluoranthene		<0.0085		0.0085	0.42
Fluorene		<0.0079		0.0079	0.42
Indeno[1,2,3-cd]pyrene		<0.0057		0.0057	0.42
Naphthalene		<0.0065		0.0065	0.42
Phenanthrene		<0.0095		0.0095	0.42
Pyrene		<0.0080		0.0080	0.42
1-Methylnaphthalene		<0.0069		0.0069	0.42
2-Methylnaphthalene		<0.0063		0.0063	0.42

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	45	45 - 93
Nitrobenzene-d5	37	37 - 89
Terphenyl-d14	65	43 - 122

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: MW29 EAST

Lab Sample ID:	400-6988-8			Date Sampled:	11/16/2005 1200
Client Matrix:	Solid	% Moisture:	19	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A8R.D
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Date Analyzed:	11/27/2005 2111			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0076		0.0076	0.40
Acenaphthylene		<0.0061		0.0061	0.40
Anthracene		<0.0083		0.0083	0.40
Benzo[a]anthracene		<0.0074		0.0074	0.40
Benzo[a]pyrene		<0.0059		0.0059	0.40
Benzo[b]fluoranthene		<0.0072		0.0072	0.40
Benzo[g,h,i]perylene		<0.0067		0.0067	0.40
Benzo[k]fluoranthene		<0.0089		0.0089	0.40
Chrysene		<0.0076		0.0076	0.40
Dibenz(a,h)anthracene		<0.0049		0.0049	0.40
Fluoranthene		<0.0082		0.0082	0.40
Fluorene		<0.0076		0.0076	0.40
Indeno[1,2,3-cd]pyrene		<0.0055		0.0055	0.40
Naphthalene		<0.0063		0.0063	0.40
Phenanthrene		<0.0092		0.0092	0.40
Pyrene		<0.0077		0.0077	0.40
1-Methylnaphthalene		<0.0066		0.0066	0.40
2-Methylnaphthalene		<0.0061		0.0061	0.40

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	45 - 93
Nitrobenzene-d5	48	37 - 89
Terphenyl-d14	93	43 - 122

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 WEST**

Lab Sample ID:	400-6988-9			Date Sampled:	11/16/2005 1210
Client Matrix:	Solid	% Moisture:	21	Date Received:	11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 400-17086		Instrument ID:	GC/MSD
Preparation:	3550B	Prep Batch: 400-16842		Lab File ID:	6988A9.D
Dilution:	1.0			Initial Weight/Volume:	30.36 g
Date Analyzed:	11/27/2005 1226			Final Weight/Volume:	1.0 mL
Date Prepared:	11/22/2005 0714			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Acenaphthene		<0.0077		0.0077	0.41
Acenaphthylene		<0.0062		0.0062	0.41
Anthracene		<0.0085		0.0085	0.41
Benzo[a]anthracene		<0.0075		0.0075	0.41
Benzo[a]pyrene		<0.0060		0.0060	0.41
Benzo[b]fluoranthene		<0.0074		0.0074	0.41
Benzo[g,h,i]perylene		<0.0069		0.0069	0.41
Benzo[k]fluoranthene		<0.0091		0.0091	0.41
Chrysene		<0.0077		0.0077	0.41
Dibenz(a,h)anthracene		<0.0050		0.0050	0.41
Fluoranthene		<0.0084		0.0084	0.41
Fluorene		<0.0077		0.0077	0.41
Indeno[1,2,3-cd]pyrene		<0.0056		0.0056	0.41
Naphthalene		<0.0064		0.0064	0.41
Phenanthrene		<0.0094		0.0094	0.41
Pyrene		<0.0079		0.0079	0.41
1-Methylnaphthalene		<0.0067		0.0067	0.41
2-Methylnaphthalene		<0.0062		0.0062	0.41

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	45 - 93
Nitrobenzene-d5	55	37 - 89
Terphenyl-d14	94	43 - 122

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Client Sample ID: **MW29 WATER**

Lab Sample ID: 400-6988-10
Client Matrix: Water

Date Sampled: 11/16/2005 1305
Date Received: 11/17/2005 0940

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 11/26/2005 1410
Date Prepared: 11/21/2005 1645

Analysis Batch: 400-17113
Prep Batch: 400-16825

Instrument ID: GC/MS
Lab File ID: 6988A10.D
Initial Weight/Volume: 910 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	1.9	J	0.21	11
Acenaphthylene	<0.16		0.16	11
Anthracene	0.30	J	0.11	11
Benzo[a]anthracene	<0.19		0.19	11
Benzo[a]pyrene	<0.66		0.66	11
Benzo[b]fluoranthene	<0.13		0.13	11
Benzo[g,h,i]perylene	<0.15		0.15	11
Benzo[k]fluoranthene	<0.21		0.21	11
Chrysene	<0.21		0.21	11
Dibenz(a,h)anthracene	<0.13		0.13	11
Fluoranthene	0.51	J	0.13	11
Fluorene	1.1	J	0.14	11
Indeno[1,2,3-cd]pyrene	<0.15		0.15	11
Naphthalene	0.50	J	0.13	11
Phenanthrene	1.7	J	0.18	11
Pyrene	0.46	J	0.19	11
1-Methylnaphthalene	3.5	J	0.66	11
2-Methylnaphthalene	3.1	J	0.20	11

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	47 - 120
Nitrobenzene-d5	60	36 - 120
Terphenyl-d14	89	51 - 131

General Chemistry

Client Sample ID: MW34 BOTTOM

Lab Sample ID: 400-6988-1
Client Matrix: Solid

Date Sampled: 11/16/2005 1000
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW34 SOUTH

Lab Sample ID: 400-6988-2
Client Matrix: Solid

Date Sampled: 11/16/2005 1010
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW34 WEST

Lab Sample ID: 400-6988-3
Client Matrix: Solid

Date Sampled: 11/16/2005 1020
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW34 EAST

Lab Sample ID: 400-6988-4
Client Matrix: Solid

Date Sampled: 11/16/2005 1030
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW34 NORTH

Lab Sample ID: 400-6988-5
Client Matrix: Solid

Date Sampled: 11/16/2005 1040
Date Received: 11/17/2005 0940

General Chemistry

Client Sample ID: MW34 NORTH

Lab Sample ID: 400-6988-5
Client Matrix: Solid

Date Sampled: 11/16/2005 1040
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW29 NORTH

Lab Sample ID: 400-6988-6
Client Matrix: Solid

Date Sampled: 11/16/2005 1130
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW29 SOUTH

Lab Sample ID: 400-6988-7
Client Matrix: Solid

Date Sampled: 11/16/2005 1150
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW29 EAST

Lab Sample ID: 400-6988-8
Client Matrix: Solid

Date Sampled: 11/16/2005 1200
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

Client Sample ID: MW29 WEST

Lab Sample ID: 400-6988-9
Client Matrix: Solid

Date Sampled: 11/16/2005 1210
Date Received: 11/17/2005 0940

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

General Chemistry

Client Sample ID: MW29 WEST

Lab Sample ID: 400-6988-9
Client Matrix: Solid

Date Sampled: 11/16/2005 1210
Date Received: 11/17/2005 0940

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	160.3

Anly Batch: 400-16679 Date Analyzed 11/18/2005 0000

DATA REPORTING QUALIFIERS

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:400-16755				
LCS 400-16755/2	Lab Control Spike	Water	8260B	
MB 400-16755/1	Method Blank	Water	8260B	
400-6973-D-1 MS	Matrix Spike	Water	8260B	
400-6973-D-1 MSD	Matrix Spike Duplicate	Water	8260B	
400-6988-10	MW29 WATER	Water	8260B	
Prep Batch: 400-17029				
LCS 400-17029/2-A	Lab Control Spike	Solid	5035	
MB 400-17029/1-A	Method Blank	Solid	5035	
400-6988-2	MW34 SOUTH	Solid	5035	
400-6988-3	MW34 WEST	Solid	5035	
400-6988-6	MW29 NORTH	Solid	5035	
400-6988-7	MW29 SOUTH	Solid	5035	
400-6988-8	MW29 EAST	Solid	5035	
400-6988-9	MW29 WEST	Solid	5035	
Prep Batch: 400-17112				
LCS 400-17112/2-A	Lab Control Spike	Solid	5035	
MB 400-17112/1-A	Method Blank	Solid	5035	
400-6988-1	MW34 BOTTOM	Solid	5035	
400-6988-4	MW34 EAST	Solid	5035	
400-6988-5	MW34 NORTH	Solid	5035	
Analysis Batch:400-17033				
LCS 400-17029/2-A	Lab Control Spike	Solid	8260B	400-17029
MB 400-17029/1-A	Method Blank	Solid	8260B	400-17029
400-6988-2	MW34 SOUTH	Solid	8260B	400-17029
400-6988-3	MW34 WEST	Solid	8260B	400-17029
400-6988-6	MW29 NORTH	Solid	8260B	400-17029
400-6988-7	MW29 SOUTH	Solid	8260B	400-17029
400-6988-8	MW29 EAST	Solid	8260B	400-17029
400-6988-9	MW29 WEST	Solid	8260B	400-17029
Analysis Batch:400-17124				
LCS 400-17112/2-A	Lab Control Spike	Solid	8260B	400-17112
MB 400-17112/1-A	Method Blank	Solid	8260B	400-17112
400-6988-1	MW34 BOTTOM	Solid	8260B	400-17112
400-6988-4	MW34 EAST	Solid	8260B	400-17112
400-6988-5	MW34 NORTH	Solid	8260B	400-17112

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS Semi VOA				
Prep Batch: 400-16825				
LCS 400-16825/22-A	Lab Control Spike	Water	3520C	
MB 400-16825/21-A	Method Blank	Water	3520C	
400-6988-10	MW29 WATER	Water	3520C	
Prep Batch: 400-16842				
LCS 400-16842/21-A	Lab Control Spike	Solid	3550B	
MB 400-16842/22-A	Method Blank	Solid	3550B	
400-6988-1	MW34 BOTTOM	Solid	3550B	
400-6988-2	MW34 SOUTH	Solid	3550B	
400-6988-3	MW34 WEST	Solid	3550B	
400-6988-4	MW34 EAST	Solid	3550B	
400-6988-5	MW34 NORTH	Solid	3550B	
400-6988-6	MW29 NORTH	Solid	3550B	
400-6988-7	MW29 SOUTH	Solid	3550B	
400-6988-8	MW29 EAST	Solid	3550B	
400-6988-9	MW29 WEST	Solid	3550B	
400-7093-A-1-D MS	Matrix Spike	Solid	3550B	
400-7093-A-1-E MSD	Matrix Spike Duplicate	Solid	3550B	
Analysis Batch:400-17113				
LCS 400-16825/22-A	Lab Control Spike	Water	8270C	400-16825
MB 400-16825/21-A	Method Blank	Water	8270C	400-16825
400-6988-10	MW29 WATER	Water	8270C	400-16825
Analysis Batch:400-17086				
LCS 400-16842/21-A	Lab Control Spike	Solid	8270C	400-16842
MB 400-16842/22-A	Method Blank	Solid	8270C	400-16842
400-6988-1	MW34 BOTTOM	Solid	8270C	400-16842
400-6988-2	MW34 SOUTH	Solid	8270C	400-16842
400-6988-3	MW34 WEST	Solid	8270C	400-16842
400-6988-4	MW34 EAST	Solid	8270C	400-16842
400-6988-5	MW34 NORTH	Solid	8270C	400-16842
400-6988-6	MW29 NORTH	Solid	8270C	400-16842
400-6988-7	MW29 SOUTH	Solid	8270C	400-16842
400-6988-8	MW29 EAST	Solid	8270C	400-16842
400-6988-9	MW29 WEST	Solid	8270C	400-16842
400-7093-A-1-D MS	Matrix Spike	Solid	8270C	400-16842
400-7093-A-1-E MSD	Matrix Spike Duplicate	Solid	8270C	400-16842

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Analysis Batch:400-16679				
400-6988-1	MW34 BOTTOM	Solid	160.3	
400-6988-2	MW34 SOUTH	Solid	160.3	
400-6988-3	MW34 WEST	Solid	160.3	
400-6988-4	MW34 EAST	Solid	160.3	
400-6988-5	MW34 NORTH	Solid	160.3	
400-6988-6	MW29 NORTH	Solid	160.3	
400-6988-7	MW29 SOUTH	Solid	160.3	
400-6988-8	MW29 EAST	Solid	160.3	
400-6988-9	MW29 WEST	Solid	160.3	

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method Blank - Batch: 400-16755

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-16755/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/21/2005 0627
Date Prepared: 11/21/2005 0627

Analysis Batch: 400-16755
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW276ABK.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDLE	RL
Benzene	<1.0		1.0	1.0
Ethylbenzene	<0.90		0.90	5.0
Methyl tert-butyl ether	<0.89		0.89	5.0
Toluene	<0.80		0.80	5.0
Xylenes, Total	<1.6		1.6	10
Naphthalene	<1.8		1.8	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	107	69 - 130
Toluene-d8	96	86 - 116

Laboratory Control Sample - Batch: 400-16755

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-16755/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/21/2005 0658
Date Prepared: 11/21/2005 0658

Analysis Batch: 400-16755
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW276LCS.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	49	97	83 - 110	
Ethylbenzene	50.0	51	102	76 - 123	
Methyl tert-butyl ether	50.0	43	85	71 - 123	
Toluene	50.0	50	99	82 - 117	
Xylenes, Total	150	150	101	76 - 130	
Naphthalene	50.0	37	75	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	108	69 - 130
Toluene-d8	98	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-16755

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	400-6973-D-1 MS	Analysis Batch: 400-16755	Instrument ID: GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: LW276MS.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/21/2005 1352		Final Weight/Volume: 5 mL
Date Prepared:	11/21/2005 1352		

MSD Lab Sample ID:	400-6973-D-1 MSD	Analysis Batch: 400-16755	Instrument ID: GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: LW276MD.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/21/2005 1423		Final Weight/Volume: 5 mL
Date Prepared:	11/21/2005 1423		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	101	99	85 - 116	2	11		
Ethylbenzene	105	99	83 - 121	6	18		
Methyl tert-butyl ether	89	83	51 - 152	6	20		
Toluene	106	100	84 - 119	5	14		
Xylenes, Total	103	101	82 - 126	2	18		
Naphthalene	73	74	62 - 153	1	23		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	98	96	83 - 126
Dibromofluoromethane	109	108	69 - 130
Toluene-d8	98	99	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method Blank - Batch: 400-17029

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 400-17029/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/22/2005 0834
Date Prepared: 11/22/2005 0800

Analysis Batch: 400-17033
Prep Batch: 400-17029
Units: mg/Kg

Instrument ID: GC/MS
Lab File ID: KS415ABK.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	<0.00037		0.00037	0.0050
Toluene	<0.00025		0.00025	0.0050
Ethylbenzene	<0.00031		0.00031	0.0050
Xylenes, Total	<0.00071		0.00071	0.010
Methyl tert-butyl ether	<0.00042		0.00042	0.0050
Naphthalene	0.0012	J	0.0010	0.0050

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	82 - 154
Dibromofluoromethane	100	68 - 155
Toluene-d8	99	85 - 186

Laboratory Control Sample - Batch: 400-17029

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 400-17029/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/22/2005 0932
Date Prepared: 11/22/2005 0800

Analysis Batch: 400-17033
Prep Batch: 400-17029
Units: mg/Kg

Instrument ID: GC/MS
Lab File ID: KS415LCS.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.0500	0.051	102	86 - 115	
Toluene	0.0500	0.054	109	86 - 112	
Ethylbenzene	0.0500	0.054	108	86 - 120	
Xylenes, Total	0.150	0.17	110	85 - 123	
Methyl tert-butyl ether	0.0500	0.050	99	74 - 133	
Naphthalene	0.0500	0.049	99	53 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	82 - 154
Dibromofluoromethane	95	68 - 155
Toluene-d8	98	85 - 186

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method Blank - Batch: 400-17112

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 400-17112/1-A
Client Matrix: Solid
Dilution: 50
Date Analyzed: 11/22/2005 0912
Date Prepared: 11/18/2005 0800

Analysis Batch: 400-17124
Prep Batch: 400-17112
Units: mg/Kg

Instrument ID: GC/MS
Lab File ID: KS417ABK.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	<0.019		0.019	0.25
Toluene	<0.013		0.013	0.25
Ethylbenzene	<0.016		0.016	0.25
Xylenes, Total	<0.036		0.036	0.50
Methyl tert-butyl ether	<0.021		0.021	0.25
Naphthalene	<0.050		0.050	0.25

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	82 - 154
Dibromofluoromethane	94	68 - 155
Toluene-d8	99	85 - 186

Laboratory Control Sample - Batch: 400-17112

Method: 8260B
Preparation: 5035

Lab Sample ID: LCS 400-17112/2-A
Client Matrix: Solid
Dilution: 50
Date Analyzed: 11/22/2005 1010
Date Prepared: 11/18/2005 0800

Analysis Batch: 400-17124
Prep Batch: 400-17112
Units: mg/Kg

Instrument ID: GC/MS
Lab File ID: KS417LCS.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.500	0.51	101	86 - 115	
Toluene	0.500	0.57	114	86 - 112	*
Ethylbenzene	0.500	0.56	112	86 - 120	
Xylenes, Total	1.50	1.8	118	85 - 123	
Methyl tert-butyl ether	0.500	0.51	103	74 - 133	
Naphthalene	0.500	0.68	137	53 - 152	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	82 - 154
Dibromofluoromethane	95	68 - 155
Toluene-d8	99	85 - 186

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method Blank - Batch: 400-16825

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 400-16825/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/26/2005 1308
Date Prepared: 11/21/2005 1645

Analysis Batch: 400-17113
Prep Batch: 400-16825
Units: ug/L

Instrument ID: GC/MS
Lab File ID: MB16825W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	<0.19		0.19	10
Acenaphthylene	<0.15		0.15	10
Anthracene	<0.10		0.10	10
Benzo[a]anthracene	<0.17		0.17	10
Benzo[a]pyrene	<0.60		0.60	10
Benzo[b]fluoranthene	<0.12		0.12	10
Benzo[g,h,i]perylene	<0.14		0.14	10
Benzo[k]fluoranthene	<0.19		0.19	10
Chrysene	<0.19		0.19	10
Dibenz(a,h)anthracene	<0.12		0.12	10
Fluoranthene	<0.12		0.12	10
Fluorene	<0.13		0.13	10
Indeno[1,2,3-cd]pyrene	<0.14		0.14	10
Naphthalene	<0.12		0.12	10
Phenanthrene	<0.16		0.16	10
Pyrene	<0.17		0.17	10
1-Methylnaphthalene	<0.60		0.60	10
2-Methylnaphthalene	<0.18		0.18	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	57	47 - 120
Nitrobenzene-d5	55	36 - 120
Terphenyl-d14	87	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Laboratory Control Sample - Batch: 400-16825

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 400-16825/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 11/26/2005 1339
Date Prepared: 11/21/2005 1645

Analysis Batch: 400-17113
Prep Batch: 400-16825
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LS16825W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	50.0	38	76	60 - 117	
Acenaphthylene	50.0	40	81	55 - 129	
Anthracene	50.0	40	79	60 - 122	
Benzo[a]anthracene	50.0	39	79	65 - 120	
Benzo[a]pyrene	50.0	41	83	60 - 118	
Benzo[b]fluoranthene	50.0	39	77	60 - 117	
Benzo[g,h,i]perylene	50.0	36	73	52 - 131	
Benzo[k]fluoranthene	50.0	45	90	64 - 130	
Chrysene	50.0	41	83	68 - 117	
Dibenz(a,h)anthracene	50.0	39	79	43 - 109	
Fluoranthene	50.0	43	86	59 - 130	
Fluorene	50.0	38	77	65 - 122	
Indeno[1,2,3-cd]pyrene	50.0	37	74	50 - 121	
Naphthalene	50.0	36	72	57 - 108	
Phenanthrene	50.0	41	82	63 - 122	
Pyrene	50.0	43	86	60 - 118	
1-Methylnaphthalene	50.0	38	75	58 - 118	
2-Methylnaphthalene	50.0	37	74	52 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	80	47 - 120
Nitrobenzene-d5	80	36 - 120
Terphenyl-d14	93	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Method Blank - Batch: 400-16842

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 400-16842/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 1649
Date Prepared: 11/22/2005 0714

Analysis Batch: 400-17086
Prep Batch: 400-16842
Units: mg/Kg

Instrument ID: GC/MSD
Lab File ID: MB16842S.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	<0.0062		0.0062	0.33
Acenaphthylene	<0.0050		0.0050	0.33
Anthracene	<0.0068		0.0068	0.33
Benzo[a]anthracene	<0.0060		0.0060	0.33
Benzo[a]pyrene	<0.0048		0.0048	0.33
Benzo[b]fluoranthene	<0.0059		0.0059	0.33
Benzo[g,h,i]perylene	<0.0055		0.0055	0.33
Benzo[k]fluoranthene	<0.0073		0.0073	0.33
Chrysene	<0.0062		0.0062	0.33
Dibenz(a,h)anthracene	<0.0040		0.0040	0.33
Fluoranthene	<0.0067		0.0067	0.33
Fluorene	<0.0062		0.0062	0.33
Indeno[1,2,3-cd]pyrene	<0.0045		0.0045	0.33
Naphthalene	<0.0051		0.0051	0.33
Phenanthrene	<0.0075		0.0075	0.33
Pyrene	<0.0063		0.0063	0.33
1-Methylnaphthalene	<0.0054		0.0054	0.33
2-Methylnaphthalene	<0.0050		0.0050	0.33

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	91	45 - 93
Nitrobenzene-d5	87	37 - 89
Terphenyl-d14	87	43 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Laboratory Control Sample - Batch: 400-16842

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 400-16842/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/26/2005 1720
Date Prepared: 11/22/2005 0714

Analysis Batch: 400-17086
Prep Batch: 400-16842
Units: mg/Kg

Instrument ID: GC/MSD
Lab File ID: LS16842S.D
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	1.67	1.5	93	54 - 104	
Acenaphthylene	1.67	1.6	97	52 - 115	
Anthracene	1.67	1.5	93	54 - 117	
Benzo[a]anthracene	1.67	1.5	90	65 - 109	
Benzo[a]pyrene	1.67	1.5	91	62 - 111	
Benzo[b]fluoranthene	1.67	1.4	87	60 - 107	
Benzo[g,h,i]perylene	1.67	1.5	90	50 - 121	
Benzo[k]fluoranthene	1.67	1.7	99	64 - 118	
Chrysene	1.67	1.5	91	64 - 108	
Dibenz(a,h)anthracene	1.67	1.5	92	38 - 105	
Fluoranthene	1.67	1.5	90	56 - 124	
Fluorene	1.67	1.5	92	61 - 108	
Indeno[1,2,3-cd]pyrene	1.67	1.5	90	48 - 112	
Naphthalene	1.67	1.5	91	51 - 93	
Phenanthrene	1.67	1.6	97	62 - 112	
Pyrene	1.67	1.5	89	58 - 107	
1-Methylnaphthalene	1.67	1.6	93	55 - 101	
2-Methylnaphthalene	1.67	1.5	91	51 - 95	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	93	45 - 93
Nitrobenzene-d5	88	37 - 89
Terphenyl-d14	92	43 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-16842

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	400-7093-A-1-D MS	Analysis Batch: 400-17086	Instrument ID: GC/MSD
Client Matrix:	Solid	Prep Batch: 400-16842	Lab File ID: MS16842S.D
Dilution:	1.0		Initial Weight/Volume: 30.22 g
Date Analyzed:	11/26/2005 1751		Final Weight/Volume: 1.0 mL
Date Prepared:	11/22/2005 0714		Injection Volume:

MSD Lab Sample ID:	400-7093-A-1-E MSD	Analysis Batch: 400-17086	Instrument ID: GC/MSD
Client Matrix:	Solid	Prep Batch: 400-16842	Lab File ID: MD16842S.D
Dilution:	1.0		Initial Weight/Volume: 30.00 g
Date Analyzed:	11/26/2005 1822		Final Weight/Volume: 1.0 mL
Date Prepared:	11/22/2005 0714		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	66	82	47 - 92	22	27		
Acenaphthylene	69	85	45 - 102	21	25		
Anthracene	72	85	50 - 103	18	23		
Benzo[a]anthracene	71	86	53 - 98	19	23		
Benzo[a]pyrene	71	82	48 - 101	16	19		
Benzo[b]fluoranthene	67	79	46 - 103	17	25		
Benzo[g,h,i]perylene	70	85	25 - 116	19	24		
Benzo[k]fluoranthene	78	96	48 - 113	21	20		*
Chrysene	73	87	54 - 97	18	23		
Dibenz(a,h)anthracene	70	86	17 - 102	21	28		
Fluoranthene	72	83	37 - 118	15	26		
Fluorene	70	86	51 - 99	22	25		
Indeno[1,2,3-cd]pyrene	69	83	25 - 107	20	26		
Naphthalene	59	69	34 - 94	16	37		
Phenanthrene	74	91	51 - 103	21	22		
Pyrene	70	83	45 - 100	18	31		
1-Methylnaphthalene	63	76	44 - 97	19	34		
2-Methylnaphthalene	62	72	40 - 90	17	32		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	61	74	45 - 93
Nitrobenzene-d5	54	62	37 - 89
Terphenyl-d14	71	84	43 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

SERIAL NUMBER: 33538 1.4C

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001
Fax: 850-478-2671
Website: www.stl-inc.com

QUOTE NO.

BOTTLE ORDER NO.: ESC

ORDER - LOG-IN NO.: CL400-6998

CLIENT: ADVENT

ADDRESS: brcrawford@adventenv.com

PROJECT NAME: 05-526

PROJECT NO.: Bld. 647

CLIENT PROJECT MANAGER: Brian Crawford

PROJECT LOC. (STATE)

SAMPLED BY: Scm

CONTRACT / P.O. NO.: 05-526

CLIENT PHONE: 843-388-1851

CLIENT E-MAIL OR FAX: 388-1891

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☐ NORMAL - 10 BUSINESS DAYS ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☐ OTHER:

SAMPLE DISPOSAL: ☐ RETURN TO CLIENT ☒ DISPOSAL BY LAB ☐ SEE CONTRACT ☐ OTHER:

REQUESTED ANALYSIS: BTEX by 8260; Nap by 8260; PAH by 8270; DRO by 8015; TOC by 9060

PAGE 1 OF 1

POSSIBLE HAZARD IDENTIFICATION: Δ NON-HAZARD Δ FLAMMABLE Δ RADIOACTIVE Δ POISON B Δ UNKNOWN Δ OTHER:

NO. OF COOLERS PER SHIPMENT:

SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT

LAB USE ONLY - SAMPLE NUMBER

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NAOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	Drinking Water	Aqueous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil,Solvent, etc.)	BTEX by 8260	Nap by 8260	PAH by 8270	DRO by 8015	TOC by 9060
11/16/05	9:30	SB-647 (CNC)															✓	✓	✓	✓	✓
"	12:15	SB-1174 (CNC)															✓	✓	✓	✓	✓

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	11-16-05	1645	SCMalm	11/16/05	15:00	fedex		

RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS			fedex					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY:	DATE	TIME	CUSTODY INTACT?	CUSTODY SEAL NO.	REMARKS:
[signature]	11/17/05	0940	☒ YES Δ NO	680930	

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Advent Environmental, Inc.

Job Number: 400-6988-1
Sdg Number: 05-526

Login Number: 6988

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Soil 40ml vials were filled 3/4 of the way
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

ANALYTICAL REPORT

Job Number: 400-7333-1

SDG Number: 05-526

Job Description: Chicora Tank Farm

For:

Advent Environmental, Inc.
498 Wando Park Blvd.
Suite 500
Mt. Pleasant, SC 29464

Attention: Mr. Brian Crawford

Erin S Carter

Project Manager I

ecarter@stl-inc.com

12/19/2005

The test results in this report meet all NELAP requirements for accredited parameters. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced except in full, and with written approval from the laboratory. STL Pensacola Certifications and Approvals: Alabama (#40150), Arizona (#AZ0589), Arkansas (#88-0689), California (#2510), Florida (#E81010), Florida CQAP (#980156), Illinois (#200041), Iowa (#367), Kansas (#E10253), Kentucky UST (#0053), Louisiana (#30748), Maryland (#233), Massachusetts (#M-FL094), Michigan (#9912), New Hampshire (#250502), New Jersey (#FL 006), North Carolina (#314), North Dakota (#R-108), Oklahoma (#9810), Pennsylvania (#68-467), South Carolina (#96026), Tennessee (#02907), Virginia (#00008), West Virginia (#136), USDA Foreign Soil Permit (#S-37599).

METHOD SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-PEN	SW846 8260B	
Purge-and-Trap	STL-PEN		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL-PEN	SW846 8270C	
Continuous Liquid-Liquid Extraction	STL-PEN		SW846 3520C

LAB REFERENCES:

STL-PEN = STL-Pensacola

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method	Analyst	Analyst ID
SW846 8260B	Dilmore, Larry	LD
SW846 8260B	Hayman, George	GH
SW846 8270C	Schumann, Jane	JS

SAMPLE SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-7333-1	MW14	Water	12/01/2005 0906	12/02/2005 0930
400-7333-2	MW17	Water	12/01/2005 0942	12/02/2005 0930
400-7333-3	MW26	Water	12/01/2005 1020	12/02/2005 0930
400-7333-4	MW27	Water	12/01/2005 1047	12/02/2005 0930
400-7333-5	MW29	Water	12/01/2005 1108	12/02/2005 0930
400-7333-6	MW19	Water	12/01/2005 1418	12/02/2005 0930
400-7333-7	MW28	Water	12/01/2005 1510	12/02/2005 0930
400-7333-8	MW8	Water	12/01/2005 1545	12/02/2005 0930
400-7333-9	MW2	Water	12/01/2005 1620	12/02/2005 0930
400-7333-10	MW24	Water	12/01/2005 0840	12/02/2005 0930
400-7333-11	MW15	Water	12/01/2005 0935	12/02/2005 0930
400-7333-12	MW16	Water	12/01/2005 1050	12/02/2005 0930
400-7333-13	MW10	Water	12/01/2005 1402	12/02/2005 0930
400-7333-15	MW9	Water	12/01/2005 1500	12/02/2005 0930
400-7333-16	MW20	Water	12/01/2005 1530	12/02/2005 0930
400-7333-17	MW34	Water	12/01/2005 1400	12/02/2005 0930
400-7333-18	MW3	Water	12/01/2005 0000	12/02/2005 0930
400-7333-19	MW11	Water	12/01/2005 1500	12/02/2005 0930
400-7333-20FD	MW10 Duplicate	Water	12/01/2005 1410	12/02/2005 0930
400-7333-21FD	MW19 Duplicate	Water	12/01/2005 1418	12/02/2005 0930
400-7333-22FD	MW30	Water	12/01/2005 1450	12/02/2005 0930

SAMPLE RESULTS

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW14**

Lab Sample ID: 400-7333-1
Client Matrix: Water

Date Sampled: 12/01/2005 0906
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 1744
Date Prepared: 12/06/2005 1744

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868018.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.9		0.20	1.0
Toluene	2.8	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW17**

Lab Sample ID: 400-7333-2
Client Matrix: Water

Date Sampled: 12/01/2005 0942
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 1817
Date Prepared: 12/06/2005 1817

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	2.4		0.20	1.0
Toluene	0.31	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	98	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW26

Lab Sample ID: 400-7333-3
Client Matrix: Water

Date Sampled: 12/01/2005 1020
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 1849
Date Prepared: 12/06/2005 1849

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868022.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.33	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	100	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW27

Lab Sample ID: 400-7333-4
Client Matrix: Water

Date Sampled: 12/01/2005 1047
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 1922
Date Prepared: 12/06/2005 1922

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868024.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.40	J	0.20	1.0
Toluene	0.29	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW29**

Lab Sample ID: 400-7333-5
Client Matrix: Water

Date Sampled: 12/01/2005 1108
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 1954
Date Prepared: 12/06/2005 1954

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.61	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW19**

Lab Sample ID: 400-7333-6
Client Matrix: Water

Date Sampled: 12/01/2005 1418
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2027
Date Prepared: 12/06/2005 2027

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.24	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW28**

Lab Sample ID: 400-7333-7
Client Matrix: Water

Date Sampled: 12/01/2005 1510
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2059
Date Prepared: 12/06/2005 2059

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868030.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.56	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW8**

Lab Sample ID: 400-7333-8
Client Matrix: Water

Date Sampled: 12/01/2005 1545
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2132
Date Prepared: 12/06/2005 2132

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868032.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.32	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	1.9	J	1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW2

Lab Sample ID: 400-7333-9
Client Matrix: Water

Date Sampled: 12/01/2005 1620
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2204
Date Prepared: 12/06/2005 2204

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868034.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.25	J B	0.20	5.0
Ethylbenzene	0.24	J	0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	61		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW24**

Lab Sample ID: 400-7333-10
Client Matrix: Water

Date Sampled: 12/01/2005 0840
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2237
Date Prepared: 12/06/2005 2237

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868036.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.37	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	2.2	J	1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW15**

Lab Sample ID: 400-7333-11
Client Matrix: Water

Date Sampled: 12/01/2005 0935
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2309
Date Prepared: 12/06/2005 2309

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868038.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.30	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW16**

Lab Sample ID: 400-7333-12
Client Matrix: Water

Date Sampled: 12/01/2005 1050
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/06/2005 2341
Date Prepared: 12/06/2005 2341

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868040.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.93	J	0.20	1.0
Toluene	1.2	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW10**

Lab Sample ID: 400-7333-13
Client Matrix: Water

Date Sampled: 12/01/2005 1402
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 0014
Date Prepared: 12/07/2005 0014

Analysis Batch: 400-17679

Instrument ID: GC/MS
Lab File ID: 3868042.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.26	J	0.20	1.0
Toluene	0.22	J B	0.20	5.0
Ethylbenzene	0.95	J	0.20	5.0
Xylenes, Total	1.5	J	0.35	10
Naphthalene	4.2	J	1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW9**

Lab Sample ID: 400-7333-15
Client Matrix: Water

Date Sampled: 12/01/2005 1500
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 1711
Date Prepared: 12/07/2005 1711

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870017.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	2.4	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	97	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW20

Lab Sample ID: 400-7333-16
Client Matrix: Water

Date Sampled: 12/01/2005 1530
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 1744
Date Prepared: 12/07/2005 1744

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870019.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.52	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW34**

Lab Sample ID: 400-7333-17
Client Matrix: Water

Date Sampled: 12/01/2005 1400
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 1816
Date Prepared: 12/07/2005 1816

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870021.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	2.3		0.20	1.0
Toluene	8.6	B	0.20	5.0
Ethylbenzene	43		0.20	5.0
Xylenes, Total	220		0.35	10
Naphthalene	350		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	95	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	101	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW34**

Lab Sample ID: 400-7333-17
Client Matrix: Water

Date Sampled: 12/01/2005 1400
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 12/08/2005 1829
Date Prepared: 12/08/2005 1829

Analysis Batch: 400-17790

Instrument ID: GC/MS
Lab File ID: 5121041.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	160		10	50

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW3**

Lab Sample ID: 400-7333-18
Client Matrix: Water

Date Sampled: 12/01/2005 0000
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/08/2005 1903
Date Prepared: 12/08/2005 1903

Analysis Batch: 400-17790

Instrument ID: GC/MS
Lab File ID: 5121043.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	ND		0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene		
Dibromofluoromethane		
Toluene-d8		

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW11**

Lab Sample ID: 400-7333-19
Client Matrix: Water

Date Sampled: 12/01/2005 1500
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 1921
Date Prepared: 12/07/2005 1921

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870025.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.25	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW10 Duplicate**

Lab Sample ID: 400-7333-20FD
Client Matrix: Water

Date Sampled: 12/01/2005 1410
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 1954
Date Prepared: 12/07/2005 1954

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870027.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	0.25	J	0.20	1.0
Toluene	2.2	J B	0.20	5.0
Ethylbenzene	0.94	J	0.20	5.0
Xylenes, Total	1.7	J	0.35	10
Naphthalene	4.0	J	1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW19 Duplicate**

Lab Sample ID: 400-7333-21FD
Client Matrix: Water

Date Sampled: 12/01/2005 1418
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 2026
Date Prepared: 12/07/2005 2026

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	4.0	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	99	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW30**

Lab Sample ID: 400-7333-22FD
Client Matrix: Water

Date Sampled: 12/01/2005 1450
Date Received: 12/02/2005 0930

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/07/2005 2059
Date Prepared: 12/07/2005 2059

Analysis Batch: 400-17763

Instrument ID: GC/MS
Lab File ID: 3870031.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.37	J B	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	98	69 - 130
Toluene-d8	98	86 - 116

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW14

Lab Sample ID: 400-7333-1
Client Matrix: Water

Date Sampled: 12/01/2005 0906
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/08/2005 1413
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D1.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	47 - 120
Nitrobenzene-d5	53	36 - 120
Terphenyl-d14	68	51 - 131

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW17

Lab Sample ID: 400-7333-2
Client Matrix: Water

Date Sampled: 12/01/2005 0942
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/08/2005 1444
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D2.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	47 - 120
Nitrobenzene-d5	42	36 - 120
Terphenyl-d14	76	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW26

Lab Sample ID: 400-7333-3
Client Matrix: Water

Date Sampled: 12/01/2005 1020
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/08/2005 1516
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D3.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	47 - 120
Nitrobenzene-d5	63	36 - 120
Terphenyl-d14	80	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW27

Lab Sample ID: 400-7333-4
Client Matrix: Water

Date Sampled: 12/01/2005 1047
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/08/2005 1548
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D4.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	65	47 - 120
Nitrobenzene-d5	63	36 - 120
Terphenyl-d14	77	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW29

Lab Sample ID: 400-7333-5
Client Matrix: Water

Date Sampled: 12/01/2005 1108
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1424
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D5.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	0.61	J	0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	1.2	J	0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	0.30	J	0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	63	47 - 120
Nitrobenzene-d5	55	36 - 120
Terphenyl-d14	78	51 - 131

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW19

Lab Sample ID: 400-7333-6
Client Matrix: Water

Date Sampled: 12/01/2005 1418
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1456
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D6.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	62	47 - 120
Nitrobenzene-d5	52	36 - 120
Terphenyl-d14	74	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW28

Lab Sample ID: 400-7333-7
Client Matrix: Water

Date Sampled: 12/01/2005 1510
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1528
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333C7.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	1.3	J	0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	1.1	J	0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	47 - 120
Nitrobenzene-d5	48	36 - 120
Terphenyl-d14	66	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW8**

Lab Sample ID: 400-7333-8
Client Matrix: Water

Date Sampled: 12/01/2005 1545
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1600
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D8.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	48	47 - 120
Nitrobenzene-d5	44	36 - 120
Terphenyl-d14	73	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW2

Lab Sample ID: 400-7333-9
Client Matrix: Water

Date Sampled: 12/01/2005 1620
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1631
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D9.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	7.4	J	0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	0.50	J	0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	0.14	J	0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	0.45	J	0.12	10
Fluorene	3.7	J	0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	38		0.12	10
Phenanthrene	2.4	J	0.16	10
Pyrene	0.32	J	0.17	10
1-Methylnaphthalene	2.1	J	0.60	10
2-Methylnaphthalene	1.2	J	0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	47 - 120
Nitrobenzene-d5	62	36 - 120
Terphenyl-d14	81	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW24

Lab Sample ID: 400-7333-10
Client Matrix: Water

Date Sampled: 12/01/2005 0840
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1703
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D10.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	0.13	J	0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	49	47 - 120
Nitrobenzene-d5	45	36 - 120
Terphenyl-d14	73	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW15

Lab Sample ID: 400-7333-11
Client Matrix: Water

Date Sampled: 12/01/2005 0935
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1734
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D11.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	47 - 120
Nitrobenzene-d5	45	36 - 120
Terphenyl-d14	68	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW16

Lab Sample ID: 400-7333-12
Client Matrix: Water

Date Sampled: 12/01/2005 1050
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1806
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D12.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	47 - 120
Nitrobenzene-d5	55	36 - 120
Terphenyl-d14	80	51 - 131

Analytical Data

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW10

Lab Sample ID: 400-7333-13
Client Matrix: Water

Date Sampled: 12/01/2005 1402
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1838
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D13.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	38		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	3.1	J	0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	5.7	J	0.12	10
Fluorene	20		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	6.7	J	0.12	10
Phenanthrene	20		0.16	10
Pyrene	3.6	J	0.17	10
1-Methylnaphthalene	6.2	J	0.60	10
2-Methylnaphthalene	9.9	J	0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	61	47 - 120
Nitrobenzene-d5	51	36 - 120
Terphenyl-d14	74	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW9**

Lab Sample ID: 400-7333-15
Client Matrix: Water

Date Sampled: 12/01/2005 1500
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1909
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D15.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	47 - 120
Nitrobenzene-d5	52	36 - 120
Terphenyl-d14	78	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW20

Lab Sample ID: 400-7333-16
Client Matrix: Water

Date Sampled: 12/01/2005 1530
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 1941
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D16.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	72	47 - 120
Nitrobenzene-d5	66	36 - 120
Terphenyl-d14	81	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW34**

Lab Sample ID: 400-7333-17
Client Matrix: Water

Date Sampled: 12/01/2005 1400
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 2013
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D17.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	6.9	J	0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	2.7	J	0.10	10
Benzo[a]anthracene	1.1	J	0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	0.72	J	0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	0.30	J	0.19	10
Chrysene	0.95	J	0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	3.3	J	0.12	10
Fluorene	11		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	76		0.12	10
Phenanthrene	19		0.16	10
Pyrene	3.3	J	0.17	10
1-Methylnaphthalene	82		0.60	10
2-Methylnaphthalene	110		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	60	47 - 120
Nitrobenzene-d5	64	36 - 120
Terphenyl-d14	66	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW3**

Lab Sample ID: 400-7333-18
Client Matrix: Water

Date Sampled: 12/01/2005 0000
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 2045
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D18.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	53	47 - 120
Nitrobenzene-d5	49	36 - 120
Terphenyl-d14	75	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW11

Lab Sample ID: 400-7333-19
Client Matrix: Water

Date Sampled: 12/01/2005 1500
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 2116
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D19.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	47 - 120
Nitrobenzene-d5	39	36 - 120
Terphenyl-d14	70	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW10 Duplicate**

Lab Sample ID: 400-7333-20FD
Client Matrix: Water

Date Sampled: 12/01/2005 1410
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/10/2005 2148
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616

Instrument ID: GC/MS
Lab File ID: 7333D20.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	38		0.19	10
Acenaphthylene	12		0.15	10
Anthracene	4.2	J	0.10	10
Benzo[a]anthracene	0.44	J	0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	5.9	J	0.12	10
Fluorene	21		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	2.0	J	0.12	10
Phenanthrene	24		0.16	10
Pyrene	4.2	J	0.17	10
1-Methylnaphthalene	7.1	J	0.60	10
2-Methylnaphthalene	12		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	56	47 - 120
Nitrobenzene-d5	44	36 - 120
Terphenyl-d14	68	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: **MW19 Duplicate**

Lab Sample ID: 400-7333-21FD
Client Matrix: Water

Date Sampled: 12/01/2005 1418
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/09/2005 1116
Date Prepared: 12/06/2005 1022

Analysis Batch: 400-17832
Prep Batch: 400-17617

Instrument ID: GC/MS
Lab File ID: 7333D21.D
Initial Weight/Volume: 870 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	ND		0.22	11
Acenaphthylene	ND		0.17	11
Anthracene	ND		0.11	11
Benzo[a]anthracene	ND	*	0.20	11
Benzo[a]pyrene	ND		0.69	11
Benzo[b]fluoranthene	ND	*	0.14	11
Benzo[g,h,i]perylene	ND		0.16	11
Benzo[k]fluoranthene	ND	*	0.22	11
Chrysene	ND	*	0.22	11
Dibenz(a,h)anthracene	ND		0.14	11
Fluoranthene	ND		0.14	11
Fluorene	ND		0.15	11
Indeno[1,2,3-cd]pyrene	ND		0.16	11
Naphthalene	ND	*	0.14	11
Phenanthrene	ND		0.18	11
Pyrene	ND		0.20	11
1-Methylnaphthalene	ND		0.69	11
2-Methylnaphthalene	ND		0.21	11

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	57	47 - 120
Nitrobenzene-d5	52	36 - 120
Terphenyl-d14	69	51 - 131

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Client Sample ID: MW30

Lab Sample ID: 400-7333-22FD
Client Matrix: Water

Date Sampled: 12/01/2005 1450
Date Received: 12/02/2005 0930

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/09/2005 1147
Date Prepared: 12/06/2005 1022

Analysis Batch: 400-17832
Prep Batch: 400-17617

Instrument ID: GC/MS
Lab File ID: 7333D22.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.4	J	0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND	*	0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND	*	0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND	*	0.19	10
Chrysene	ND	*	0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	0.38	J	0.12	10
Fluorene	2.0	J	0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND	*	0.12	10
Phenanthrene	0.29	J	0.16	10
Pyrene	0.25	J	0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	63	47 - 120
Nitrobenzene-d5	56	36 - 120
Terphenyl-d14	71	51 - 131

DATA REPORTING QUALIFIERS

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	*	LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:400-17679				
LCS 400-17679/2	Lab Control Spike	Water	8260B	
MB 400-17679/1	Method Blank	Water	8260B	
400-7333-1	MW14	Water	8260B	
400-7333-1MS	Matrix Spike	Water	8260B	
400-7333-1MSD	Matrix Spike Duplicate	Water	8260B	
400-7333-2	MW17	Water	8260B	
400-7333-3	MW26	Water	8260B	
400-7333-4	MW27	Water	8260B	
400-7333-5	MW29	Water	8260B	
400-7333-6	MW19	Water	8260B	
400-7333-7	MW28	Water	8260B	
400-7333-8	MW8	Water	8260B	
400-7333-9	MW2	Water	8260B	
400-7333-10	MW24	Water	8260B	
400-7333-11	MW15	Water	8260B	
400-7333-12	MW16	Water	8260B	
400-7333-13	MW10	Water	8260B	
Analysis Batch:400-17763				
LCS 400-17763/2	Lab Control Spike	Water	8260B	
MB 400-17763/1	Method Blank	Water	8260B	
400-7333-15	MW9	Water	8260B	
400-7333-15MS	Matrix Spike	Water	8260B	
400-7333-15MSD	Matrix Spike Duplicate	Water	8260B	
400-7333-16	MW20	Water	8260B	
400-7333-17	MW34	Water	8260B	
400-7333-19	MW11	Water	8260B	
400-7333-20FD	MW10 Duplicate	Water	8260B	
400-7333-21FD	MW19 Duplicate	Water	8260B	
400-7333-22FD	MW30	Water	8260B	
Analysis Batch:400-17790				
LCS 400-17790/2	Lab Control Spike	Water	8260B	
MB 400-17790/1	Method Blank	Water	8260B	
400-7333-17	MW34	Water	8260B	
400-7333-18	MW3	Water	8260B	

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS Semi VOA				
Prep Batch: 400-17616				
LCS 400-17616/22-A	Lab Control Spike	Water	3520C	
MB 400-17616/21-A	Method Blank	Water	3520C	
400-7333-1	MW14	Water	3520C	
400-7333-2	MW17	Water	3520C	
400-7333-3	MW26	Water	3520C	
400-7333-4	MW27	Water	3520C	
400-7333-5	MW29	Water	3520C	
400-7333-6	MW19	Water	3520C	
400-7333-7	MW28	Water	3520C	
400-7333-8	MW8	Water	3520C	
400-7333-9	MW2	Water	3520C	
400-7333-10	MW24	Water	3520C	
400-7333-11	MW15	Water	3520C	
400-7333-12	MW16	Water	3520C	
400-7333-13	MW10	Water	3520C	
400-7333-15	MW9	Water	3520C	
400-7333-16	MW20	Water	3520C	
400-7333-17	MW34	Water	3520C	
400-7333-18	MW3	Water	3520C	
400-7333-19	MW11	Water	3520C	
400-7333-20FD	MW10 Duplicate	Water	3520C	
Prep Batch: 400-17617				
LCS 400-17617/16-A	Lab Control Spike	Water	3520C	
MB 400-17617/15-A	Method Blank	Water	3520C	
400-7333-21FD	MW19 Duplicate	Water	3520C	
400-7333-22FD	MW30	Water	3520C	

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS Semi VOA				
Analysis Batch:400-17788				
LCS 400-17616/22-A	Lab Control Spike	Water	8270C	400-17616
MB 400-17616/21-A	Method Blank	Water	8270C	400-17616
400-7333-1	MW14	Water	8270C	400-17616
400-7333-2	MW17	Water	8270C	400-17616
400-7333-3	MW26	Water	8270C	400-17616
400-7333-4	MW27	Water	8270C	400-17616
400-7333-5	MW29	Water	8270C	400-17616
400-7333-6	MW19	Water	8270C	400-17616
400-7333-7	MW28	Water	8270C	400-17616
400-7333-8	MW8	Water	8270C	400-17616
400-7333-9	MW2	Water	8270C	400-17616
400-7333-10	MW24	Water	8270C	400-17616
400-7333-11	MW15	Water	8270C	400-17616
400-7333-12	MW16	Water	8270C	400-17616
400-7333-13	MW10	Water	8270C	400-17616
400-7333-15	MW9	Water	8270C	400-17616
400-7333-16	MW20	Water	8270C	400-17616
400-7333-17	MW34	Water	8270C	400-17616
400-7333-18	MW3	Water	8270C	400-17616
400-7333-19	MW11	Water	8270C	400-17616
400-7333-20FD	MW10 Duplicate	Water	8270C	400-17616
Analysis Batch:400-17832				
LCS 400-17617/16-A	Lab Control Spike	Water	8270C	400-17617
MB 400-17617/15-A	Method Blank	Water	8270C	400-17617
400-7333-21FD	MW19 Duplicate	Water	8270C	400-17617
400-7333-22FD	MW30	Water	8270C	400-17617

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method Blank - Batch: 400-17679

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-17679/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2005 1502
Date Prepared: 12/06/2005 1502

Analysis Batch: 400-17679
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 3868008.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.25	J	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	99	86 - 116

Laboratory Control Sample - Batch: 400-17679

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-17679/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2005 1534
Date Prepared: 12/06/2005 1534

Analysis Batch: 400-17679
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 3868010.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	51	101	83 - 110	
Toluene	50.0	51	101	82 - 117	
Ethylbenzene	50.0	52	104	76 - 123	
Xylenes, Total	150	160	104	76 - 130	
Naphthalene	50.0	45	90	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-17679

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	400-7333-1	Analysis Batch:	400-17679	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	3868012.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2005 1607			Final Weight/Volume:	5 mL
Date Prepared:	12/06/2005 1607				

MSD Lab Sample ID:	400-7333-1	Analysis Batch:	400-17679	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	3868014.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2005 1639			Final Weight/Volume:	5 mL
Date Prepared:	12/06/2005 1639				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	102	85 - 116	0	11		
Toluene	97	97	84 - 119	0	14		
Ethylbenzene	107	106	83 - 121	1	18		
Xylenes, Total	107	107	82 - 126	0	18		
Naphthalene	92	93	62 - 153	1	23		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	100	99	83 - 126
Dibromofluoromethane	98	98	69 - 130
Toluene-d8	100	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method Blank - Batch: 400-17763

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-17763/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/07/2005 1429
Date Prepared: 12/07/2005 1429

Analysis Batch: 400-17763
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 3870007.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	ND		0.20	1.0
Toluene	0.33	J	0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	83 - 126
Dibromofluoromethane	100	69 - 130
Toluene-d8	99	86 - 116

Laboratory Control Sample - Batch: 400-17763

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-17763/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/07/2005 1501
Date Prepared: 12/07/2005 1501

Analysis Batch: 400-17763
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 3870009.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	51	102	83 - 110	
Toluene	50.0	48	96	82 - 117	
Ethylbenzene	50.0	51	102	76 - 123	
Xylenes, Total	150	150	102	76 - 130	
Naphthalene	50.0	46	93	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	83 - 126
Dibromofluoromethane	101	69 - 130
Toluene-d8	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-17763

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	400-7333-15	Analysis Batch:	400-17763	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	3870011.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2005 1534			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2005 1534				

MSD Lab Sample ID:	400-7333-15	Analysis Batch:	400-17763	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	3870013.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	12/07/2005 1606			Final Weight/Volume:	5 mL
Date Prepared:	12/07/2005 1606				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	100	101	85 - 116	1	11		
Toluene	91	91	84 - 119	1	14		
Ethylbenzene	104	104	83 - 121	0	18		
Xylenes, Total	104	104	82 - 126	0	18		
Naphthalene	101	100	62 - 153	1	23		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	100	99	83 - 126
Dibromofluoromethane	99	98	69 - 130
Toluene-d8	100	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method Blank - Batch: 400-17790

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-17790/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 0857
Date Prepared: 12/08/2005 0857

Analysis Batch: 400-17790
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 5121007.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Benzene	ND		0.20	1.0
Toluene	ND		0.20	5.0
Ethylbenzene	ND		0.20	5.0
Xylenes, Total	ND		0.35	10
Naphthalene	ND		1.0	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	83 - 126
Dibromofluoromethane	107	69 - 130
Toluene-d8	99	86 - 116

Laboratory Control Sample - Batch: 400-17790

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-17790/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 0931
Date Prepared: 12/08/2005 0931

Analysis Batch: 400-17790
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: 5121009.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	52	105	83 - 110	
Toluene	50.0	50	100	82 - 117	
Ethylbenzene	50.0	52	104	76 - 123	
Xylenes, Total	150	150	103	76 - 130	
Naphthalene	50.0	49	99	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	83 - 126
Dibromofluoromethane	107	69 - 130
Toluene-d8	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method Blank - Batch: 400-17616

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 400-17616/21-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 1309
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616
Units: ug/L

Instrument ID: GC/MS
Lab File ID: MB17616W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	66	47 - 120
Nitrobenzene-d5	66	36 - 120
Terphenyl-d14	86	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Laboratory Control Sample - Batch: 400-17616

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 400-17616/22-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/08/2005 1341
Date Prepared: 12/06/2005 1018

Analysis Batch: 400-17788
Prep Batch: 400-17616
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LS17616W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	50.0	35	70	60 - 117	
Acenaphthylene	50.0	37	73	55 - 129	
Anthracene	50.0	37	74	60 - 122	
Benzo[a]anthracene	50.0	38	75	65 - 120	
Benzo[a]pyrene	50.0	35	71	60 - 118	
Benzo[b]fluoranthene	50.0	37	74	60 - 117	
Benzo[g,h,i]perylene	50.0	38	76	52 - 131	
Benzo[k]fluoranthene	50.0	42	84	64 - 130	
Chrysene	50.0	40	79	68 - 117	
Dibenz(a,h)anthracene	50.0	37	74	43 - 109	
Fluoranthene	50.0	34	68	59 - 130	
Fluorene	50.0	37	74	65 - 122	
Indeno[1,2,3-cd]pyrene	50.0	36	72	50 - 121	
Naphthalene	50.0	33	66	57 - 108	
Phenanthrene	50.0	40	79	63 - 122	
Pyrene	50.0	42	85	60 - 118	
1-Methylnaphthalene	50.0	36	72	58 - 118	
2-Methylnaphthalene	50.0	35	70	52 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	70	47 - 120
Nitrobenzene-d5	68	36 - 120
Terphenyl-d14	87	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Method Blank - Batch: 400-17617

Method: 8270C
Preparation: 3520C

Lab Sample ID: MB 400-17617/15-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/09/2005 1012
Date Prepared: 12/06/2005 1022

Analysis Batch: 400-17832
Prep Batch: 400-17617
Units: ug/L

Instrument ID: GC/MS
Lab File ID: MB17617W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	ND		0.19	10
Acenaphthylene	ND		0.15	10
Anthracene	ND		0.10	10
Benzo[a]anthracene	ND		0.17	10
Benzo[a]pyrene	ND		0.60	10
Benzo[b]fluoranthene	ND		0.12	10
Benzo[g,h,i]perylene	ND		0.14	10
Benzo[k]fluoranthene	ND		0.19	10
Chrysene	ND		0.19	10
Dibenz(a,h)anthracene	ND		0.12	10
Fluoranthene	ND		0.12	10
Fluorene	ND		0.13	10
Indeno[1,2,3-cd]pyrene	ND		0.14	10
Naphthalene	ND		0.12	10
Phenanthrene	ND		0.16	10
Pyrene	ND		0.17	10
1-Methylnaphthalene	ND		0.60	10
2-Methylnaphthalene	ND		0.18	10

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	59	47 - 120
Nitrobenzene-d5	58	36 - 120
Terphenyl-d14	77	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Laboratory Control Sample - Batch: 400-17617

Method: 8270C
Preparation: 3520C

Lab Sample ID: LCS 400-17617/16-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/09/2005 1044
Date Prepared: 12/06/2005 1022

Analysis Batch: 400-17832
Prep Batch: 400-17617
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LS17617W.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	50.0	30	61	60 - 117	
Acenaphthylene	50.0	32	64	55 - 129	
Anthracene	50.0	33	65	60 - 122	
Benzo[a]anthracene	50.0	32	64	65 - 120	*
Benzo[a]pyrene	50.0	30	60	60 - 118	
Benzo[b]fluoranthene	50.0	29	58	60 - 117	*
Benzo[g,h,i]perylene	50.0	35	70	52 - 131	
Benzo[k]fluoranthene	50.0	31	62	64 - 130	*
Chrysene	50.0	33	66	68 - 117	*
Dibenz(a,h)anthracene	50.0	33	67	43 - 109	
Fluoranthene	50.0	32	63	59 - 130	
Fluorene	50.0	32	65	65 - 122	
Indeno[1,2,3-cd]pyrene	50.0	33	66	50 - 121	
Naphthalene	50.0	27	55	57 - 108	*
Phenanthrene	50.0	35	69	63 - 122	
Pyrene	50.0	32	64	60 - 118	
1-Methylnaphthalene	50.0	30	60	58 - 118	
2-Methylnaphthalene	50.0	30	59	52 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	59	47 - 120
Nitrobenzene-d5	57	36 - 120
Terphenyl-d14	70	51 - 131

Calculations are performed before rounding to avoid round-off errors in calculated results.

SERIAL NUMBER: 33634 3.7°C 4.3°C 2.4°C

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001
Fax: 850-478-2671
Website: www.stl-inc.com

QUOTE NO.

BOTTLE ORDER NO.

ORDER - LOG-IN NO.: C 400-7333

CLIENT: ADVENT Environmental

ADDRESS: 498 Wando Park Blvd, Ste 500 Mt. Pleasant SC 29464

PAGE 1 OF 2

PROJECT NAME: 05-526

PROJECT NO.: Chicora

CLIENT PROJECT MANAGER: B. Crawford

PROJECT LOC. (STATE): SC

SAMPLED BY: CLS/NRM/ER/ELS

CONTRACT / P.O. NO.:

CLIENT PHONE: 843 388 1851

CLIENT E-MAIL OR FAX: brcrawford@adventinv.com

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☑ NORMAL - 10 BUSINESS DAYS
☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☐ OTHER:

SAMPLE DISPOSAL: ☐ RETURN TO CLIENT ☑ DISPOSAL BY LAB
☐ SEE CONTRACT ☐ OTHER:

REQUESTED ANALYSIS: 8260 BTEX/Naphthalene; 8270C PAH

POSSIBLE HAZARD IDENTIFICATION
Δ NON-HAZARD
Δ FLAMMABLE
Δ RADIOACTIVE
Δ POISON B
Δ UNKNOWN
Δ OTHER:

NO. OF COOLERS PER SHIPMENT: 3

LAB USE ONLY - SAMPLE NUMBER

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION		No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NAOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	Drinking Water	Ageuous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil,Solvent, etc.)	8260 BTEX/Naphthalene	8270C PAH	SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT
12/1/05	0900	MW14	1											X				3	1	
12/1/05	0942	MW17	2																	
12/1/05	1020	MW26	3																	
	1047	MW27	4																	
	1108	MW29	5																	
	1418	MW19	6																	
	1510	MW28	7																	
	1545	MW8	8																	
12/1/05	1620	MW2	9																	
	0810 1150	MW24 ~~MW34~~ ~~MW33~~	10																	
	0935 ~~1445~~	MW15 ~~32~~	11																	
	1050 ~~1525~~	MW16 ~~22~~	12																	
	1402 ~~1530~~	MW10 ~~25~~	13																	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/1/05	1845						

RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY								

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY:	DATE	TIME	CUSTODY INTACT?	CUSTODY SEAL NO.	REMARKS:
[signature]	12/2/05	0930	Δ YES Δ NO		

SERIAL NUMBER: 33635

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone: 850-474-1001
Fax: 850-478-2671
Website: www.stl-inc.com

QUOTE NO.

BOTTLE ORDER NO.

ORDER - LOG-IN NO. C400-7333

CLIENT: ADVENT

ADDRESS: 498 Wando Park Blvd, Ste 500, Mt. Pleasant SC 29464

REQUESTED ANALYSIS

PAGE 2 OF 2

PROJECT NAME: Chicora

PROJECT NO.: 05-526

CLIENT PROJECT MANAGER: B. Crawford

PROJECT LOC. (STATE): SC

SAMPLED BY: CLS/NRM/ECS/ER

CONTRACT / P.O. NO.:

CLIENT PHONE: 843 388 1851

CLIENT E-MAIL OR FAX: brcrawford@adventenv.com

TAT REQUESTED: RUSH NEEDS LAB PREAPPROVAL ☐ NORMAL - 10 BUSINESS DAYS
☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☐ 5 DAYS ☐ 20 DAYS (Package) ☐ OTHER:

SAMPLE DISPOSAL: ☐ RETURN TO CLIENT ☑ DISPOSAL BY LAB
☐ SEE CONTRACT ☐ OTHER:

POSSIBLE HAZARD IDENTIFICATION
Δ NON-HAZARD
Δ FLAMMABLE
Δ RADIOACTIVE
Δ POISON B
Δ UNKNOWN
Δ OTHER:

NO. OF COOLERS PER SHIPMENT: 3

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	PRESERVATIVE: No Preservative	HCL - Hydrochloric Acid	HNO3 - Nitric Acid	H2SO4 - Sulfuric Acid or H3PO4	NAOH - Sodium Hydroxide	CH3OH - Methanol	NAHSO4 - Sodium Bisulfate	NA2S2O3 - Sodium Thiosulfate	Other:	MATRIX: Drinking Water	Ageuous GW, SW, WW	Solid, Semisolid, Sediment	Air	NonAqueous (Oil,Solvent, etc.)	8260 BTEX/Naph	8270 PAH	SPECIAL INSTRUCTIONS/ CONDITIONS OF RECEIPT
12/1/05	1430	MW 30 14															3	1	
	1500	MW 9 15															3	1	
	1530	MW 20 16															3	1	
	1400	MW 34 17															3	1	
12/1/05		MW 3 18															3	1	
		(MW-11) added ESC 19																	
		(MW-10 Duplicate) added ESC 20																	
		(MW-19 Duplicate) added ESC 21																	
		(MW-30 Duplicate) added ESC 22																	

LAB USE ONLY - SAMPLE NUMBER

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/1/05	1645						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY:	DATE	TIME	CUSTODY INTACT?	CUSTODY SEAL NO.	REMARKS:
[signature]	12/2/05	0930	Δ YES Δ NO		

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Advent Environmental, Inc.

Job Number: 400-7333-1
Sdg Number: 05-526

Login Number: 7333

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	3.7, 2.3 & 2.6°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	Bottles received for MW11,30 DUP,19DUP&10DUP;no bottles received for MW30
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	Times on COC differ from the times on the labels
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	MW28 had 1 of 3 vials empty
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

2006 RESULTS

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162406 GEL Work Order: 162406

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35
Sample ID: 162406001
Matrix: Ground Water
Collect Date: 08−MAY−06 14:10
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		3.09	10.3	ug/L	1	RMB	05/10/06	1532	528251	1
1,2,4−Trichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,2−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,3−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,4−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
2,4,5−Trichlorophenol	U	ND		1.03	10.3	ug/L	1					
2,4,6−Trichlorophenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dichlorophenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dimethylphenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dinitrophenol	U	ND		10.3	20.6	ug/L	1					
2,4−Dinitrotoluene	U	ND		2.06	10.3	ug/L	1					
2,6−Dinitrotoluene	U	ND		2.06	10.3	ug/L	1					
2−Chloronaphthalene	U	ND		0.361	1.03	ug/L	1					
2−Chlorophenol	U	ND		2.06	10.3	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		3.09	10.3	ug/L	1					
2−Methylnaphthalene	J	0.509		0.309	1.03	ug/L	1					
2−Nitrophenol	U	ND		2.06	10.3	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		1.03	10.3	ug/L	1					
4−Bromophenylphenylether	U	ND		2.06	10.3	ug/L	1					
4−Chloro−3−methylphenol	U	ND		2.06	10.3	ug/L	1					
4−Chloroaniline	U	ND		2.06	10.3	ug/L	1					
4−Chlorophenylphenylether	U	ND		2.06	10.3	ug/L	1					
4−Nitrophenol	U	ND		2.06	10.3	ug/L	1					
Acenaphthene		1.60		0.320	1.03	ug/L	1					
Acenaphthylene	U	ND		0.206	1.03	ug/L	1					
Anthracene	U	ND		0.206	1.03	ug/L	1					
Atrazine	U	ND		2.06	10.3	ug/L	1					
Benzaldehyde	U	ND		3.09	10.3	ug/L	1					
Benzo(a)anthracene	U	ND		0.206	1.03	ug/L	1					
Benzo(a)pyrene	U	ND		0.206	1.03	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.206	1.03	ug/L	1					
Benzo(ghi)perylene	U	ND		0.206	1.03	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.206	1.03	ug/L	1					
Butylbenzylphthalate	U	ND		2.06	10.3	ug/L	1					
Carbazole	J	0.224		0.206	10.3	ug/L	1					
Chrysene	U	ND		0.206	1.03	ug/L	1					

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35 Project: SAVL00206
Sample ID: 162406001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.06	10.3	ug/L	1				
Di−n−octylphthalate	U	ND		3.09	10.3	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.206	1.03	ug/L	1				
Dibenzofuran	U	ND		2.06	10.3	ug/L	1				
Diethylphthalate	U	ND		2.06	10.3	ug/L	1				
Dimethylphthalate	U	ND		2.06	10.3	ug/L	1				
Diphenylamine	U	ND		3.09	10.3	ug/L	1				
Fluoranthene	U	ND		0.206	1.03	ug/L	1				
Fluorene	J	0.695		0.206	1.03	ug/L	1				
Hexachlorobenzene	U	ND		2.06	10.3	ug/L	1				
Hexachlorobutadiene	U	ND		2.06	10.3	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.06	10.3	ug/L	1				
Hexachloroethane	U	ND		2.06	10.3	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.206	1.03	ug/L	1				
Isophorone	U	ND		2.06	10.3	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.06	10.3	ug/L	1				
Naphthalene		3.61		0.309	1.03	ug/L	1				
Nitrobenzene	U	ND		3.09	10.3	ug/L	1				
Pentachlorophenol	U	ND		2.06	10.3	ug/L	1				
Phenanthrene	J	0.312		0.206	1.03	ug/L	1				
Phenol	U	ND		1.03	10.3	ug/L	1				
Pyrene	U	ND		0.309	1.03	ug/L	1				
alpha−Terpineol	U	ND		3.09	10.3	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.09	10.3	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.06	10.3	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.06	10.3	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.06	10.3	ug/L	1				
m,p−Cresols	U	ND		3.09	10.3	ug/L	1				
m−Nitroaniline	U	ND		2.06	10.3	ug/L	1				
o−Cresol	U	ND		2.06	10.3	ug/L	1				
o−Nitroaniline	U	ND		2.06	10.3	ug/L	1				
p−Nitroaniline	U	ND		3.09	10.3	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35 Project: SAVL00206
Sample ID: 162406001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	15.1	103	15 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.6	51.5	63	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	26.9	103	26	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	29.5	51.5	57	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	18.0	103	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	40.9	51.5	79	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4
Sample ID: 162406002
Matrix: Ground Water
Collect Date: 08−MAY−06 13:48
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/10/06	1554	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene	U	ND		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene	U	ND		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	U	ND		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole	U	ND		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4 Project: SAVL00206
Sample ID: 162406002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	U	ND		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	U	ND		0.189	0.943	ug/L	1				
Fluorene	U	ND		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene	U	ND		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene	U	ND		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	U	ND		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4 Project: SAVL00206
Sample ID: 162406002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	17.0	94.3	18 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	29.9	47.2	63	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	24.1	94.3	26	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	27.2	47.2	58	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	16.1	94.3	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.9	47.2	70	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3
Sample ID: 162406003
Matrix: Ground Water
Collect Date: 08−MAY−06 14:53
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/11/06	1218	528251	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3 Project: SAVL00206
Sample ID: 162406003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3 Project: SAVL00206
Sample ID: 162406003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	7.92	96.2	8 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.5	48.1	78	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	19.7	96.2	20	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.8	48.1	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	18.3	96.2	19	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	37.7	48.1	78	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8
Sample ID: 162406004
Matrix: Ground Water
Collect Date: 08−MAY−06 15:55
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/10/06	1638	528251	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8 Project: SAVL00206
Sample ID: 162406004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8 Project: SAVL00206
Sample ID: 162406004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	55.0	96.2	57	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.6	48.1	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	39.4	96.2	41	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.6	48.1	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.2	96.2	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	35.1	48.1	73	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11
Sample ID: 162406005
Matrix: Ground Water
Collect Date: 08−MAY−06 16:00
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/10/06	1701	528251	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene	U	ND		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	U	ND		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11 Project: SAVL00206
Sample ID: 162406005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11 Project: SAVL00206
Sample ID: 162406005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	45.0	95.2	47	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.9	95.2	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.9	47.6	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.9	95.2	22	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	42.4	47.6	89	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5
Sample ID: 162406006
Matrix: Ground Water
Collect Date: 08−MAY−06 13:45
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/10/06	1723	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene	U	ND		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene	U	ND		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	U	ND		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole	U	ND		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5 Project: SAVL00206
Sample ID: 162406006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	U	ND		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	U	ND		0.189	0.943	ug/L	1				
Fluorene	U	ND		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene	U	ND		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene	U	ND		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	U	ND		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5 Project: SAVL00206
Sample ID: 162406006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	42.3	94.3	45	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.7	47.2	73	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	40.7	94.3	43	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.7	47.2	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.6	94.3	26	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	47.5	47.2	101	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2
Sample ID: 162406007
Matrix: Ground Water
Collect Date: 08−MAY−06 14:40
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/11/06	1325	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene		4.41		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene		13.9		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	J	0.771		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole		14.1		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2 Project: SAVL00206
Sample ID: 162406007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	J	5.58		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	J	0.649		0.189	0.943	ug/L	1				
Fluorene		7.29		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene		66.1		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene		6.35		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	J	0.376		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2 Project: SAVL00206
Sample ID: 162406007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	39.9	94.3	42	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	31.0	47.2	66	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	30.0	94.3	32	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	29.7	47.2	63	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	19.6	94.3	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.0	47.2	72	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008
Matrix: Ground Water
Collect Date: 08−MAY−06 14:45
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/11/06	1433	528251	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene		3.81		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene		11.9		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	J	0.644		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole		11.9		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	J	4.82		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	J	0.604		0.190	0.952	ug/L	1				
Fluorene		6.44		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene		58.4		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene		5.84		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	J	0.342		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	53.3	95.2	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	31.0	47.6	65	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	34.9	95.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.7	47.6	64	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.2	95.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.9	47.6	71	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20
Sample ID: 162406009
Matrix: Ground Water
Collect Date: 08−MAY−06 16:00
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.94	9.80	ug/L	1	RMB	05/11/06	1410	528251	1
1,2,4−Trichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.980	9.80	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dichlorophenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dimethylphenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dinitrophenol	U	ND		9.80	19.6	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.96	9.80	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.96	9.80	ug/L	1					
2−Chloronaphthalene	U	ND		0.343	0.980	ug/L	1					
2−Chlorophenol	U	ND		1.96	9.80	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.94	9.80	ug/L	1					
2−Methylnaphthalene	U	ND		0.294	0.980	ug/L	1					
2−Nitrophenol	U	ND		1.96	9.80	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.980	9.80	ug/L	1					
4−Bromophenylphenylether	U	ND		1.96	9.80	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.96	9.80	ug/L	1					
4−Chloroaniline	U	ND		1.96	9.80	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.96	9.80	ug/L	1					
4−Nitrophenol	U	ND		1.96	9.80	ug/L	1					
Acenaphthene	U	ND		0.304	0.980	ug/L	1					
Acenaphthylene	U	ND		0.196	0.980	ug/L	1					
Anthracene	U	ND		0.196	0.980	ug/L	1					
Atrazine	U	ND		1.96	9.80	ug/L	1					
Benzaldehyde	U	ND		2.94	9.80	ug/L	1					
Benzo(a)anthracene	U	ND		0.196	0.980	ug/L	1					
Benzo(a)pyrene	U	ND		0.196	0.980	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.196	0.980	ug/L	1					
Benzo(ghi)perylene	U	ND		0.196	0.980	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.196	0.980	ug/L	1					
Butylbenzylphthalate	U	ND		1.96	9.80	ug/L	1					
Carbazole	U	ND		0.196	9.80	ug/L	1					
Chrysene	U	ND		0.196	0.980	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20 Project: SAVL00206
Sample ID: 162406009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.96	9.80	ug/L	1				
Di−n−octylphthalate	U	ND		2.94	9.80	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.196	0.980	ug/L	1				
Dibenzofuran	U	ND		1.96	9.80	ug/L	1				
Diethylphthalate	U	ND		1.96	9.80	ug/L	1				
Dimethylphthalate	U	ND		1.96	9.80	ug/L	1				
Diphenylamine	U	ND		2.94	9.80	ug/L	1				
Fluoranthene	U	ND		0.196	0.980	ug/L	1				
Fluorene	U	ND		0.196	0.980	ug/L	1				
Hexachlorobenzene	U	ND		1.96	9.80	ug/L	1				
Hexachlorobutadiene	U	ND		1.96	9.80	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.96	9.80	ug/L	1				
Hexachloroethane	U	ND		1.96	9.80	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.196	0.980	ug/L	1				
Isophorone	U	ND		1.96	9.80	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.96	9.80	ug/L	1				
Naphthalene	U	ND		0.294	0.980	ug/L	1				
Nitrobenzene	U	ND		2.94	9.80	ug/L	1				
Pentachlorophenol	U	ND		1.96	9.80	ug/L	1				
Phenanthrene	U	ND		0.196	0.980	ug/L	1				
Phenol	U	ND		0.980	9.80	ug/L	1				
Pyrene	U	ND		0.294	0.980	ug/L	1				
alpha−Terpineol	U	ND		2.94	9.80	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.94	9.80	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.96	9.80	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.96	9.80	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.96	9.80	ug/L	1				
m,p−Cresols	U	ND		2.94	9.80	ug/L	1				
m−Nitroaniline	U	ND		1.96	9.80	ug/L	1				
o−Cresol	U	ND		1.96	9.80	ug/L	1				
o−Nitroaniline	U	ND		1.96	9.80	ug/L	1				
p−Nitroaniline	U	ND		2.94	9.80	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20 Project: SAVL00206
Sample ID: 162406009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	58.2	98.0	59	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.6	49.0	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	42.1	98.0	43	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.6	49.0	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	26.5	98.0	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.6	49.0	79	(50%−131%)

QC Summary

Report Date: May 17, 2006
Page 1 of 3

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162406**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528251										
QC1201088720 LCS										
1,2,4-Trichlorobenzene	50.0			38.0	ug/L		76	(43%-90%)	RMB	05/10/06 14:47
1,4-Dichlorobenzene	50.0			34.3	ug/L		69	(38%-90%)		
2,4-Dinitrotoluene	50.0			45.6	ug/L		91	(52%-117%)		
2-Chlorophenol	100			66.1	ug/L		66	(54%-90%)		
4-Chloro-3-methylphenol	100			70.6	ug/L		71	(59%-107%)		
4-Nitrophenol	100			33.7	ug/L		34	(16%-54%)		
Acenaphthene	50.0			41.5	ug/L		83	(56%-108%)		
N-Nitrosodipropylamine	50.0			35.8	ug/L		72	(54%-106%)		
Pentachlorophenol	100			54.5	ug/L		55	(40%-115%)		
Phenol	100			29.5	ug/L		30	(22%-50%)		
Pyrene	50.0			47.1	ug/L		94	(51%-117%)		
**2,4,6-Tribromophenol	100			75.7	ug/L		76	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.0	ug/L		78	(51%-102%)		
**2-Fluorophenol	100			48.7	ug/L		49	(20%-67%)		
**Nitrobenzene-d5	50.0			36.3	ug/L		73	(49%-108%)		
**Phenol-d5	100			32.2	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			44.2	ug/L		88	(50%-131%)		
QC1201089458 LCSD										
1,2,4-Trichlorobenzene	50.0			37.0	ug/L	3	74	(0%-20%)		05/11/06 11:56
1,4-Dichlorobenzene	50.0			32.5	ug/L	5	65	(0%-22%)		
2,4-Dinitrotoluene	50.0			48.4	ug/L	6	97	(0%-16%)		
2-Chlorophenol	100			69.3	ug/L	5	69	(0%-16%)		
4-Chloro-3-methylphenol	100			72.9	ug/L	3	73	(0%-15%)		
4-Nitrophenol	100			41.9	ug/L	22*	42	(0%-21%)		
Acenaphthene	50.0			45.6	ug/L	9	91	(0%-18%)		
N-Nitrosodipropylamine	50.0			39.2	ug/L	9	78	(0%-16%)		
Pentachlorophenol	100			77.8	ug/L	35*	78	(0%-18%)		
Phenol	100			31.6	ug/L	7	32	(0%-18%)		
Pyrene	50.0			46.8	ug/L	1	94	(0%-21%)		
**2,4,6-Tribromophenol	100			92.8	ug/L		93	(40%-115%)		
**2-Fluorobiphenyl	50.0			40.1	ug/L		80	(51%-102%)		
**2-Fluorophenol	100			50.4	ug/L		50	(20%-67%)		
**Nitrobenzene-d5	50.0			37.4	ug/L		75	(49%-108%)		
**Phenol-d5	100			33.9	ug/L		34	(10%-53%)		
**p-Terphenyl-d14	50.0			44.7	ug/L		89	(50%-131%)		
QC1201088719 MB										
1,1'-Biphenyl			U	ND	ug/L					05/11/06 11:34
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **162406**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528251											
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L				RMB	05/11/06	11:34
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						

QC Summary

Workorder: 162406

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528251											
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L				RMB	05/11/06	11:34
Pyrene			U	ND	ug/L						
alpha-Terpineol			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Chloroisopropyl)ether			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
m,p-Cresols			U	ND	ug/L						
m-Nitroaniline			U	ND	ug/L						
o-Cresol			U	ND	ug/L						
o-Nitroaniline			U	ND	ug/L						
p-Nitroaniline			U	ND	ug/L						
**2,4,6-Tribromophenol	100			67.2	ug/L		67	(40%-115%)			
**2-Fluorobiphenyl	50.0			37.3	ug/L		75	(51%-102%)			
**2-Fluorophenol	100			44.4	ug/L		44	(20%-67%)			
**Nitrobenzene-d5	50.0			36.2	ug/L		72	(49%-108%)			
**Phenol-d5	100			28.7	ug/L		29	(10%-53%)			
**p-Terphenyl-d14	50.0			43.7	ug/L		87	(50%-131%)			

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162524 GEL Work Order: 162524

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31
Sample ID: 162524001
Matrix: Ground Water
Collect Date: 09−MAY−06 09:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB 05/12/06	1208	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31 Project: SAVL00206
Sample ID: 162524001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31 Project: SAVL00206
Sample ID: 162524001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	70.1	95.2	74	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	33.5	47.6	70	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.2	95.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.8	47.6	65	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.1	95.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	39.5	47.6	83	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25
Sample ID: 162524002
Matrix: Ground Water
Collect Date: 09−MAY−06 11:00
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		3.41	11.4	ug/L	1	RMB 05/12/06	1230	528633	1
1,2,4−Trichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,2−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,3−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,4−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
2,4,5−Trichlorophenol	U	ND		1.14	11.4	ug/L	1				
2,4,6−Trichlorophenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dichlorophenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dimethylphenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dinitrophenol	U	ND		11.4	22.7	ug/L	1				
2,4−Dinitrotoluene	U	ND		2.27	11.4	ug/L	1				
2,6−Dinitrotoluene	U	ND		2.27	11.4	ug/L	1				
2−Chloronaphthalene	U	ND		0.398	1.14	ug/L	1				
2−Chlorophenol	U	ND		2.27	11.4	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		3.41	11.4	ug/L	1				
2−Methylnaphthalene	U	ND		0.341	1.14	ug/L	1				
2−Nitrophenol	U	ND		2.27	11.4	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		1.14	11.4	ug/L	1				
4−Bromophenylphenylether	U	ND		2.27	11.4	ug/L	1				
4−Chloro−3−methylphenol	U	ND		2.27	11.4	ug/L	1				
4−Chloroaniline	U	ND		2.27	11.4	ug/L	1				
4−Chlorophenylphenylether	U	ND		2.27	11.4	ug/L	1				
4−Nitrophenol	U	ND		2.27	11.4	ug/L	1				
Acenaphthene	U	ND		0.352	1.14	ug/L	1				
Acenaphthylene	U	ND		0.227	1.14	ug/L	1				
Anthracene	U	ND		0.227	1.14	ug/L	1				
Atrazine	U	ND		2.27	11.4	ug/L	1				
Benzaldehyde	U	ND		3.41	11.4	ug/L	1				
Benzo(a)anthracene	U	ND		0.227	1.14	ug/L	1				
Benzo(a)pyrene	U	ND		0.227	1.14	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.227	1.14	ug/L	1				
Benzo(ghi)perylene	U	ND		0.227	1.14	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.227	1.14	ug/L	1				
Butylbenzylphthalate	U	ND		2.27	11.4	ug/L	1				
Carbazole	U	ND		0.227	11.4	ug/L	1				
Chrysene	U	ND		0.227	1.14	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25 Project: SAVL00206
Sample ID: 162524002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.27	11.4	ug/L	1				
Di−n−octylphthalate	U	ND		3.41	11.4	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.227	1.14	ug/L	1				
Dibenzofuran	U	ND		2.27	11.4	ug/L	1				
Diethylphthalate	U	ND		2.27	11.4	ug/L	1				
Dimethylphthalate	U	ND		2.27	11.4	ug/L	1				
Diphenylamine	U	ND		3.41	11.4	ug/L	1				
Fluoranthene	U	ND		0.227	1.14	ug/L	1				
Fluorene	U	ND		0.227	1.14	ug/L	1				
Hexachlorobenzene	U	ND		2.27	11.4	ug/L	1				
Hexachlorobutadiene	U	ND		2.27	11.4	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.27	11.4	ug/L	1				
Hexachloroethane	U	ND		2.27	11.4	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.227	1.14	ug/L	1				
Isophorone	U	ND		2.27	11.4	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.27	11.4	ug/L	1				
Naphthalene	U	ND		0.341	1.14	ug/L	1				
Nitrobenzene	U	ND		3.41	11.4	ug/L	1				
Pentachlorophenol	U	ND		2.27	11.4	ug/L	1				
Phenanthrene	U	ND		0.227	1.14	ug/L	1				
Phenol	U	ND		1.14	11.4	ug/L	1				
Pyrene	U	ND		0.341	1.14	ug/L	1				
alpha−Terpineol	U	ND		3.41	11.4	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.41	11.4	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.27	11.4	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.27	11.4	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.27	11.4	ug/L	1				
m,p−Cresols	U	ND		3.41	11.4	ug/L	1				
m−Nitroaniline	U	ND		2.27	11.4	ug/L	1				
o−Cresol	U	ND		2.27	11.4	ug/L	1				
o−Nitroaniline	U	ND		2.27	11.4	ug/L	1				
p−Nitroaniline	U	ND		3.41	11.4	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25 Project: SAVL00206
Sample ID: 162524002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	58.6	114	52	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	40.6	56.8	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	41.0	114	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	40.2	56.8	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	26.6	114	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	44.6	56.8	78	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003
Matrix: Ground Water
Collect Date: 09−MAY−06 11:00
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/12/06	1252	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene	U	ND		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	U	ND		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	50.4	95.2	53	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	35.2	47.6	74	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.1	95.2	35	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.1	47.6	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.7	95.2	22	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.9	47.6	82	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9
Sample ID: 162524004
Matrix: Ground Water
Collect Date: 09−MAY−06 13:40
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/12/06	1314	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9 Project: SAVL00206
Sample ID: 162524004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9 Project: SAVL00206
Sample ID: 162524004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	53.5	96.2	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.0	48.1	67	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.1	96.2	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.4	48.1	63	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	21.8	96.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.9	48.1	68	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28
Sample ID: 162524005
Matrix: Ground Water
Collect Date: 09−MAY−06 15:15
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.91	9.71	ug/L	1	RMB 05/12/06	1336	528633	1
1,2,4−Trichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.971	9.71	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dimethylphenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dinitrophenol	U	ND		9.71	19.4	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2−Chloronaphthalene	U	ND		0.340	0.971	ug/L	1				
2−Chlorophenol	U	ND		1.94	9.71	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.91	9.71	ug/L	1				
2−Methylnaphthalene	U	ND		0.291	0.971	ug/L	1				
2−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.971	9.71	ug/L	1				
4−Bromophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.94	9.71	ug/L	1				
4−Chloroaniline	U	ND		1.94	9.71	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
Acenaphthene		2.86		0.301	0.971	ug/L	1				
Acenaphthylene	U	ND		0.194	0.971	ug/L	1				
Anthracene	U	ND		0.194	0.971	ug/L	1				
Atrazine	U	ND		1.94	9.71	ug/L	1				
Benzaldehyde	U	ND		2.91	9.71	ug/L	1				
Benzo(a)anthracene	U	ND		0.194	0.971	ug/L	1				
Benzo(a)pyrene	U	ND		0.194	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND		0.194	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Butylbenzylphthalate	U	ND		1.94	9.71	ug/L	1				
Carbazole	U	ND		0.194	9.71	ug/L	1				
Chrysene	U	ND		0.194	0.971	ug/L	1				

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28 Project: SAVL00206
Sample ID: 162524005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.94	9.71	ug/L	1				
Di−n−octylphthalate	U	ND		2.91	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.194	0.971	ug/L	1				
Dibenzofuran	U	ND		1.94	9.71	ug/L	1				
Diethylphthalate	U	ND		1.94	9.71	ug/L	1				
Dimethylphthalate	U	ND		1.94	9.71	ug/L	1				
Diphenylamine	U	ND		2.91	9.71	ug/L	1				
Fluoranthene	U	ND		0.194	0.971	ug/L	1				
Fluorene	J	0.415		0.194	0.971	ug/L	1				
Hexachlorobenzene	U	ND		1.94	9.71	ug/L	1				
Hexachlorobutadiene	U	ND		1.94	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.94	9.71	ug/L	1				
Hexachloroethane	U	ND		1.94	9.71	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.194	0.971	ug/L	1				
Isophorone	U	ND		1.94	9.71	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.94	9.71	ug/L	1				
Naphthalene	J	0.772		0.291	0.971	ug/L	1				
Nitrobenzene	U	ND		2.91	9.71	ug/L	1				
Pentachlorophenol	U	ND		1.94	9.71	ug/L	1				
Phenanthrene	U	ND		0.194	0.971	ug/L	1				
Phenol	U	ND		0.971	9.71	ug/L	1				
Pyrene	U	ND		0.291	0.971	ug/L	1				
alpha−Terpineol	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.94	9.71	ug/L	1				
m,p−Cresols	U	ND		2.91	9.71	ug/L	1				
m−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
o−Cresol	U	ND		1.94	9.71	ug/L	1				
o−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
p−Nitroaniline	U	ND		2.91	9.71	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28 Project: SAVL00206
Sample ID: 162524005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	57.2	97.1	59	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	48.5	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	36.0	97.1	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	32.3	48.5	66	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	23.1	97.1	24	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.9	48.5	76	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33
Sample ID: 162524006
Matrix: Ground Water
Collect Date: 09−MAY−06 09:50
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.91	9.71	ug/L	1	RMB 05/12/06	1358	528633	1
1,2,4−Trichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.971	9.71	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dimethylphenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dinitrophenol	U	ND		9.71	19.4	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2−Chloronaphthalene	U	ND		0.340	0.971	ug/L	1				
2−Chlorophenol	U	ND		1.94	9.71	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.91	9.71	ug/L	1				
2−Methylnaphthalene	U	ND		0.291	0.971	ug/L	1				
2−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.971	9.71	ug/L	1				
4−Bromophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.94	9.71	ug/L	1				
4−Chloroaniline	U	ND		1.94	9.71	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
Acenaphthene		0.992		0.301	0.971	ug/L	1				
Acenaphthylene	U	ND		0.194	0.971	ug/L	1				
Anthracene	U	ND		0.194	0.971	ug/L	1				
Atrazine	U	ND		1.94	9.71	ug/L	1				
Benzaldehyde	U	ND		2.91	9.71	ug/L	1				
Benzo(a)anthracene	U	ND		0.194	0.971	ug/L	1				
Benzo(a)pyrene	U	ND		0.194	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND		0.194	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Butylbenzylphthalate	U	ND		1.94	9.71	ug/L	1				
Carbazole	U	ND		0.194	9.71	ug/L	1				
Chrysene	U	ND		0.194	0.971	ug/L	1				

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33 Project: SAVL00206
Sample ID: 162524006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.94	9.71	ug/L	1				
Di−n−octylphthalate	U	ND		2.91	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.194	0.971	ug/L	1				
Dibenzofuran	U	ND		1.94	9.71	ug/L	1				
Diethylphthalate	U	ND		1.94	9.71	ug/L	1				
Dimethylphthalate	U	ND		1.94	9.71	ug/L	1				
Diphenylamine	U	ND		2.91	9.71	ug/L	1				
Fluoranthene	J	0.516		0.194	0.971	ug/L	1				
Fluorene	J	0.352		0.194	0.971	ug/L	1				
Hexachlorobenzene	U	ND		1.94	9.71	ug/L	1				
Hexachlorobutadiene	U	ND		1.94	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.94	9.71	ug/L	1				
Hexachloroethane	U	ND		1.94	9.71	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.194	0.971	ug/L	1				
Isophorone	U	ND		1.94	9.71	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.94	9.71	ug/L	1				
Naphthalene	U	ND		0.291	0.971	ug/L	1				
Nitrobenzene	U	ND		2.91	9.71	ug/L	1				
Pentachlorophenol	U	ND		1.94	9.71	ug/L	1				
Phenanthrene	U	ND		0.194	0.971	ug/L	1				
Phenol	U	ND		0.971	9.71	ug/L	1				
Pyrene	J	0.334		0.291	0.971	ug/L	1				
alpha−Terpineol	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.94	9.71	ug/L	1				
m,p−Cresols	U	ND		2.91	9.71	ug/L	1				
m−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
o−Cresol	U	ND		1.94	9.71	ug/L	1				
o−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
p−Nitroaniline	U	ND		2.91	9.71	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33 Project: SAVL00206
Sample ID: 162524006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	54.3	97.1	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.9	48.5	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	39.6	97.1	41	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.3	48.5	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	25.1	97.1	26	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.1	48.5	79	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32
Sample ID: 162524007
Matrix: Ground Water
Collect Date: 09−MAY−06 09:25
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/12/06	1420	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene		11.4		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	J	0.554		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	J	1.25		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32 Project: SAVL00206
Sample ID: 162524007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene		2.18		0.192	0.962	ug/L	1				
Fluorene		5.03		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene		6.96		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	J	0.811		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene		1.47		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32 Project: SAVL00206
Sample ID: 162524007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	45.6	96.2	47	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.2	48.1	67	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.6	96.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	31.0	48.1	64	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.8	96.2	24	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.9	48.1	70	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10
Sample ID: 162524008
Matrix: Ground Water
Collect Date: 09−MAY−06 10:35
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB 05/11/06	1926	528633	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1				
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1				
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1				
2−Methylnaphthalene		49.2		0.283	0.943	ug/L	1				
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1				
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1				
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1				
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1				
Acenaphthene		87.7		0.292	0.943	ug/L	1				
Acenaphthylene	J	0.853		0.189	0.943	ug/L	1				
Anthracene		7.51		0.189	0.943	ug/L	1				
Atrazine	U	ND		1.89	9.43	ug/L	1				
Benzaldehyde	U	ND		2.83	9.43	ug/L	1				
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1				
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1				
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1				
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1				
Carbazole		23.1		0.189	9.43	ug/L	1				
Chrysene	J	0.397		0.189	0.943	ug/L	1				

Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10 Project: SAVL00206
Sample ID: 162524008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran		39.2		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene		15.9		0.189	0.943	ug/L	1				
Fluorene		50.4		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene		7.17		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene		61.5		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene		9.70		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10 Project: SAVL00206
Sample ID: 162524008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	62.5	94.3	66	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	35.5	47.2	75	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	37.9	94.3	40	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.4	47.2	73	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.0	94.3	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	39.5	47.2	84	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30
Sample ID: 162524009
Matrix: Ground Water
Collect Date: 09−MAY−06 11:02
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/12/06	1504	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene		7.08		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene		0.958		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30 Project: SAVL00206
Sample ID: 162524009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	J	2.68		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene		2.58		0.190	0.952	ug/L	1				
Fluorene		3.57		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene		1.68		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30 Project: SAVL00206
Sample ID: 162524009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	56.9	95.2	60	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.2	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	36.8	95.2	39	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.2	47.6	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.3	95.2	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.8	47.6	77	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010
Matrix: Ground Water
Collect Date: 09−MAY−06 13:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.97	9.90	ug/L	1	RMB	05/11/06	2010	528633	1
1,2,4−Trichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.990	9.90	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dichlorophenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dimethylphenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dinitrophenol	U	ND		9.90	19.8	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.98	9.90	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.98	9.90	ug/L	1					
2−Chloronaphthalene	U	ND		0.347	0.990	ug/L	1					
2−Chlorophenol	U	ND		1.98	9.90	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.97	9.90	ug/L	1					
2−Methylnaphthalene	J	0.408		0.297	0.990	ug/L	1					
2−Nitrophenol	U	ND		1.98	9.90	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.990	9.90	ug/L	1					
4−Bromophenylphenylether	U	ND		1.98	9.90	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.98	9.90	ug/L	1					
4−Chloroaniline	U	ND		1.98	9.90	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.98	9.90	ug/L	1					
4−Nitrophenol	U	ND		1.98	9.90	ug/L	1					
Acenaphthene		1.72		0.307	0.990	ug/L	1					
Acenaphthylene	U	ND		0.198	0.990	ug/L	1					
Anthracene	U	ND		0.198	0.990	ug/L	1					
Atrazine	U	ND		1.98	9.90	ug/L	1					
Benzaldehyde	U	ND		2.97	9.90	ug/L	1					
Benzo(a)anthracene	U	ND		0.198	0.990	ug/L	1					
Benzo(a)pyrene	U	ND		0.198	0.990	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.198	0.990	ug/L	1					
Benzo(ghi)perylene	U	ND		0.198	0.990	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.198	0.990	ug/L	1					
Butylbenzylphthalate	U	ND		1.98	9.90	ug/L	1					
Carbazole	U	ND		0.198	9.90	ug/L	1					
Chrysene	U	ND		0.198	0.990	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.98	9.90	ug/L	1				
Di−n−octylphthalate	U	ND		2.97	9.90	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.198	0.990	ug/L	1				
Dibenzofuran	U	ND		1.98	9.90	ug/L	1				
Diethylphthalate	U	ND		1.98	9.90	ug/L	1				
Dimethylphthalate	U	ND		1.98	9.90	ug/L	1				
Diphenylamine	U	ND		2.97	9.90	ug/L	1				
Fluoranthene	U	ND		0.198	0.990	ug/L	1				
Fluorene	U	ND		0.198	0.990	ug/L	1				
Hexachlorobenzene	U	ND		1.98	9.90	ug/L	1				
Hexachlorobutadiene	U	ND		1.98	9.90	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.98	9.90	ug/L	1				
Hexachloroethane	U	ND		1.98	9.90	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.198	0.990	ug/L	1				
Isophorone	U	ND		1.98	9.90	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.98	9.90	ug/L	1				
Naphthalene		1.00		0.297	0.990	ug/L	1				
Nitrobenzene	U	ND		2.97	9.90	ug/L	1				
Pentachlorophenol	U	ND		1.98	9.90	ug/L	1				
Phenanthrene	U	ND		0.198	0.990	ug/L	1				
Phenol	U	ND		0.990	9.90	ug/L	1				
Pyrene	U	ND		0.297	0.990	ug/L	1				
alpha−Terpineol	U	ND		2.97	9.90	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.97	9.90	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.98	9.90	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.98	9.90	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.98	9.90	ug/L	1				
m,p−Cresols	U	ND		2.97	9.90	ug/L	1				
m−Nitroaniline	U	ND		1.98	9.90	ug/L	1				
o−Cresol	U	ND		1.98	9.90	ug/L	1				
o−Nitroaniline	U	ND		1.98	9.90	ug/L	1				
p−Nitroaniline	U	ND		2.97	9.90	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	32.6	99.0	33 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.2	49.5	75	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	29.3	99.0	30	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.5	49.5	76	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	19.0	99.0	19	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.0	49.5	73	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011
Matrix: Ground Water
Collect Date: 09−MAY−06 13:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		3.00	10.0	ug/L	1	RMB	05/12/06	1548	528633	1
1,2,4−Trichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,2−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,3−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,4−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
2,4,5−Trichlorophenol	U	ND		1.00	10.0	ug/L	1					
2,4,6−Trichlorophenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dichlorophenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dimethylphenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dinitrophenol	U	ND		10.0	20.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		2.00	10.0	ug/L	1					
2,6−Dinitrotoluene	U	ND		2.00	10.0	ug/L	1					
2−Chloronaphthalene	U	ND		0.350	1.00	ug/L	1					
2−Chlorophenol	U	ND		2.00	10.0	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		3.00	10.0	ug/L	1					
2−Methylnaphthalene	J	0.386		0.300	1.00	ug/L	1					
2−Nitrophenol	U	ND		2.00	10.0	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		1.00	10.0	ug/L	1					
4−Bromophenylphenylether	U	ND		2.00	10.0	ug/L	1					
4−Chloro−3−methylphenol	U	ND		2.00	10.0	ug/L	1					
4−Chloroaniline	U	ND		2.00	10.0	ug/L	1					
4−Chlorophenylphenylether	U	ND		2.00	10.0	ug/L	1					
4−Nitrophenol	U	ND		2.00	10.0	ug/L	1					
Acenaphthene		1.63		0.310	1.00	ug/L	1					
Acenaphthylene	U	ND		0.200	1.00	ug/L	1					
Anthracene	U	ND		0.200	1.00	ug/L	1					
Atrazine	U	ND		2.00	10.0	ug/L	1					
Benzaldehyde	U	ND		3.00	10.0	ug/L	1					
Benzo(a)anthracene	U	ND		0.200	1.00	ug/L	1					
Benzo(a)pyrene	U	ND		0.200	1.00	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.200	1.00	ug/L	1					
Benzo(ghi)perylene	U	ND		0.200	1.00	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.200	1.00	ug/L	1					
Butylbenzylphthalate	U	ND		2.00	10.0	ug/L	1					
Carbazole	U	ND		0.200	10.0	ug/L	1					
Chrysene	U	ND		0.200	1.00	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.00	10.0	ug/L	1				
Di−n−octylphthalate	U	ND		3.00	10.0	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.200	1.00	ug/L	1				
Dibenzofuran	U	ND		2.00	10.0	ug/L	1				
Diethylphthalate	U	ND		2.00	10.0	ug/L	1				
Dimethylphthalate	U	ND		2.00	10.0	ug/L	1				
Diphenylamine	U	ND		3.00	10.0	ug/L	1				
Fluoranthene	U	ND		0.200	1.00	ug/L	1				
Fluorene	J	0.603		0.200	1.00	ug/L	1				
Hexachlorobenzene	U	ND		2.00	10.0	ug/L	1				
Hexachlorobutadiene	U	ND		2.00	10.0	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.00	10.0	ug/L	1				
Hexachloroethane	U	ND		2.00	10.0	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.200	1.00	ug/L	1				
Isophorone	U	ND		2.00	10.0	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.00	10.0	ug/L	1				
Naphthalene	J	0.728		0.300	1.00	ug/L	1				
Nitrobenzene	U	ND		3.00	10.0	ug/L	1				
Pentachlorophenol	U	ND		2.00	10.0	ug/L	1				
Phenanthrene		1.16		0.200	1.00	ug/L	1				
Phenol	U	ND		1.00	10.0	ug/L	1				
Pyrene	U	ND		0.300	1.00	ug/L	1				
alpha−Terpineol	U	ND		3.00	10.0	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.00	10.0	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.00	10.0	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.00	10.0	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.00	10.0	ug/L	1				
m,p−Cresols	U	ND		3.00	10.0	ug/L	1				
m−Nitroaniline	U	ND		2.00	10.0	ug/L	1				
o−Cresol	U	ND		2.00	10.0	ug/L	1				
o−Nitroaniline	U	ND		2.00	10.0	ug/L	1				
p−Nitroaniline	U	ND		3.00	10.0	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	30.2	100	30 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.7	50.0	73	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	31.2	100	31	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.8	50.0	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.4	100	20	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	43.4	50.0	87	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19
Sample ID: 162524012
Matrix: Ground Water
Collect Date: 09−MAY−06 13:25
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB 05/11/06	2054	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1				
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1				
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1				
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1				
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1				
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
Acenaphthene	J	0.331		0.298	0.962	ug/L	1				
Acenaphthylene	U	ND		0.192	0.962	ug/L	1				
Anthracene	U	ND		0.192	0.962	ug/L	1				
Atrazine	U	ND		1.92	9.62	ug/L	1				
Benzaldehyde	U	ND		2.88	9.62	ug/L	1				
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1				
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1				
Carbazole	U	ND		0.192	9.62	ug/L	1				
Chrysene	U	ND		0.192	0.962	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19 Project: SAVL00206
Sample ID: 162524012 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19 Project: SAVL00206
Sample ID: 162524012 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	60.3	96.2	63	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.6	48.1	76	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	42.2	96.2	44	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.2	48.1	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	27.4	96.2	28	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	30.3	48.1	63	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26
Sample ID: 162524013
Matrix: Ground Water
Collect Date: 09−MAY−06 15:05
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		3.80	12.7	ug/L	1	RMB 05/12/06	1610	528633	1
1,2,4−Trichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,2−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,3−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,4−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
2,4,5−Trichlorophenol	U	ND		1.27	12.7	ug/L	1				
2,4,6−Trichlorophenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dichlorophenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dimethylphenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dinitrophenol	U	ND		12.7	25.3	ug/L	1				
2,4−Dinitrotoluene	U	ND		2.53	12.7	ug/L	1				
2,6−Dinitrotoluene	U	ND		2.53	12.7	ug/L	1				
2−Chloronaphthalene	U	ND		0.443	1.27	ug/L	1				
2−Chlorophenol	U	ND		2.53	12.7	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		3.80	12.7	ug/L	1				
2−Methylnaphthalene	U	ND		0.380	1.27	ug/L	1				
2−Nitrophenol	U	ND		2.53	12.7	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		1.27	12.7	ug/L	1				
4−Bromophenylphenylether	U	ND		2.53	12.7	ug/L	1				
4−Chloro−3−methylphenol	U	ND		2.53	12.7	ug/L	1				
4−Chloroaniline	U	ND		2.53	12.7	ug/L	1				
4−Chlorophenylphenylether	U	ND		2.53	12.7	ug/L	1				
4−Nitrophenol	U	ND		2.53	12.7	ug/L	1				
Acenaphthene	U	ND		0.392	1.27	ug/L	1				
Acenaphthylene	U	ND		0.253	1.27	ug/L	1				
Anthracene	U	ND		0.253	1.27	ug/L	1				
Atrazine	U	ND		2.53	12.7	ug/L	1				
Benzaldehyde	U	ND		3.80	12.7	ug/L	1				
Benzo(a)anthracene	U	ND		0.253	1.27	ug/L	1				
Benzo(a)pyrene	U	ND		0.253	1.27	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.253	1.27	ug/L	1				
Benzo(ghi)perylene	U	ND		0.253	1.27	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.253	1.27	ug/L	1				
Butylbenzylphthalate	U	ND		2.53	12.7	ug/L	1				
Carbazole	U	ND		0.253	12.7	ug/L	1				
Chrysene	U	ND		0.253	1.27	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26 Project: SAVL00206
Sample ID: 162524013 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.53	12.7	ug/L	1				
Di−n−octylphthalate	U	ND		3.80	12.7	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.253	1.27	ug/L	1				
Dibenzofuran	U	ND		2.53	12.7	ug/L	1				
Diethylphthalate	U	ND		2.53	12.7	ug/L	1				
Dimethylphthalate	U	ND		2.53	12.7	ug/L	1				
Diphenylamine	U	ND		3.80	12.7	ug/L	1				
Fluoranthene	U	ND		0.253	1.27	ug/L	1				
Fluorene	U	ND		0.253	1.27	ug/L	1				
Hexachlorobenzene	U	ND		2.53	12.7	ug/L	1				
Hexachlorobutadiene	U	ND		2.53	12.7	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.53	12.7	ug/L	1				
Hexachloroethane	U	ND		2.53	12.7	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.253	1.27	ug/L	1				
Isophorone	U	ND		2.53	12.7	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.53	12.7	ug/L	1				
Naphthalene	U	ND		0.380	1.27	ug/L	1				
Nitrobenzene	U	ND		3.80	12.7	ug/L	1				
Pentachlorophenol	U	ND		2.53	12.7	ug/L	1				
Phenanthrene	U	ND		0.253	1.27	ug/L	1				
Phenol	U	ND		1.27	12.7	ug/L	1				
Pyrene	U	ND		0.380	1.27	ug/L	1				
alpha−Terpineol	U	ND		3.80	12.7	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.80	12.7	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.53	12.7	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.53	12.7	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.53	12.7	ug/L	1				
m,p−Cresols	U	ND		3.80	12.7	ug/L	1				
m−Nitroaniline	U	ND		2.53	12.7	ug/L	1				
o−Cresol	U	ND		2.53	12.7	ug/L	1				
o−Nitroaniline	U	ND		2.53	12.7	ug/L	1				
p−Nitroaniline	U	ND		3.80	12.7	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26 Project: SAVL00206
Sample ID: 162524013 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	42.1	127	33 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	43.1	63.3	68	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	48.4	127	38	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	44.6	63.3	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	34.1	127	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	48.2	63.3	76	(50%−131%)

QC Summary

Report Date: May 17, 2006

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162524**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528633										
QC1201089736 LCS										
1,2,4-Trichlorobenzene	50.0			39.7	ug/L		79	(43%-90%)	RMB	05/12/06 11:45
1,4-Dichlorobenzene	50.0			36.2	ug/L		73	(38%-90%)		
2,4-Dinitrotoluene	50.0			48.2	ug/L		96	(52%-117%)		
2-Chlorophenol	100			68.3	ug/L		68	(54%-90%)		
4-Chloro-3-methylphenol	100			71.3	ug/L		71	(59%-107%)		
4-Nitrophenol	100			43.1	ug/L		43	(16%-54%)		
Acenaphthene	50.0			46.9	ug/L		94	(56%-108%)		
N-Nitrosodipropylamine	50.0			37.2	ug/L		75	(54%-106%)		
Pentachlorophenol	100			74.0	ug/L		74	(40%-115%)		
Phenol	100			30.5	ug/L		31	(22%-50%)		
Pyrene	50.0			49.1	ug/L		98	(51%-117%)		
**2,4,6-Tribromophenol	100			92.0	ug/L		92	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.4	ug/L		79	(51%-102%)		
**2-Fluorophenol	100			48.8	ug/L		49	(20%-67%)		
**Nitrobenzene-d5	50.0			37.4	ug/L		75	(49%-108%)		
**Phenol-d5	100			32.2	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			46.3	ug/L		93	(50%-131%)		
QC1201090102 LCSD										
1,2,4-Trichlorobenzene	50.0			39.6	ug/L		79*	(0%-20%)		05/11/06 16:26
1,4-Dichlorobenzene	50.0			36.2	ug/L		72*	(0%-22%)		
2,4-Dinitrotoluene	50.0			47.8	ug/L		96*	(0%-16%)		
2-Chlorophenol	100			66.3	ug/L		66*	(0%-16%)		
4-Chloro-3-methylphenol	100			72.5	ug/L		73*	(0%-15%)		
4-Nitrophenol	100			40.4	ug/L		40*	(0%-21%)		
Acenaphthene	50.0			45.6	ug/L		91*	(0%-18%)		
N-Nitrosodipropylamine	50.0			37.5	ug/L		75*	(0%-16%)		
Pentachlorophenol	100			70.0	ug/L		70*	(0%-18%)		
Phenol	100			30.1	ug/L		30*	(0%-18%)		
Pyrene	50.0			48.7	ug/L		98*	(0%-21%)		
**2,4,6-Tribromophenol	100			81.1	ug/L		81	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.8	ug/L		80	(51%-102%)		
**2-Fluorophenol	100			47.7	ug/L		48	(20%-67%)		
**Nitrobenzene-d5	50.0			37.8	ug/L		76	(49%-108%)		
**Phenol-d5	100			31.9	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			43.5	ug/L		87	(50%-131%)		
QC1201089735 MB										
1,1'-Biphenyl			U	ND	ug/L					05/12/06 11:23
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **162524**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528633											
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L				RMB	05/12/06	11:23
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						

QC Summary

Workorder: 162524

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528633										
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L				RMB	05/12/06 11:23
Pyrene			U	ND	ug/L					
alpha-Terpineol			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Chloroisopropyl)ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			67.1	ug/L		67	(40%-115%)		
**2-Fluorobiphenyl	50.0			37.5	ug/L		75	(51%-102%)		
**2-Fluorophenol	100			44.0	ug/L		44	(20%-67%)		
**Nitrobenzene-d5	50.0			36.8	ug/L		74	(49%-108%)		
**Phenol-d5	100			28.3	ug/L		28	(10%-53%)		
**p-Terphenyl-d14	50.0			43.8	ug/L		88	(50%-131%)		

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162524-1 GEL Work Order: 162526

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27
Sample ID: 162526001
Matrix: Ground Water
Collect Date: 09−MAY−06 14:56
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1037	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27 Project: SAVL00206
Sample ID: 162526001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27 Project: SAVL00206
Sample ID: 162526001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	1.06	95.2	1 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.4	47.6	79	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	0.455	95.2	0 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	38.2	47.6	80	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	1.14	95.2	1 *	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.6	47.6	68	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22
Sample ID: 162526002
Matrix: Ground Water
Collect Date: 09−MAY−06 09:44
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	JMB3 05/11/06	1058	528631	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1				
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1				
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1				
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1				
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1				
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
Acenaphthene	U	ND		0.298	0.962	ug/L	1				
Acenaphthylene	U	ND		0.192	0.962	ug/L	1				
Anthracene	U	ND		0.192	0.962	ug/L	1				
Atrazine	U	ND		1.92	9.62	ug/L	1				
Benzaldehyde	U	ND		2.88	9.62	ug/L	1				
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1				
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1				
Carbazole	U	ND		0.192	9.62	ug/L	1				
Chrysene	U	ND		0.192	0.962	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22 Project: SAVL00206
Sample ID: 162526002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22 Project: SAVL00206
Sample ID: 162526002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	41.8	96.2	43	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	48.1	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	21.3	96.2	22	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.7	48.1	72	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	14.0	96.2	15	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	31.1	48.1	65	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23
Sample ID: 162526003
Matrix: Ground Water
Collect Date: 09−MAY−06 10:47
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1120	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23 Project: SAVL00206
Sample ID: 162526003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23 Project: SAVL00206
Sample ID: 162526003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	19.4	95.2	20 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.5	47.6	79	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	23.6	95.2	25	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.9	47.6	80	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	16.0	95.2	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.3	47.6	72	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24
Sample ID: 162526004
Matrix: Ground Water
Collect Date: 09−MAY−06 13:42
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1141	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24 Project: SAVL00206
Sample ID: 162526004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24 Project: SAVL00206
Sample ID: 162526004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	51.2	95.2	54	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.7	47.6	77	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.3	95.2	35	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.7	47.6	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.2	95.2	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.3	47.6	76	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14
Sample ID: 162526005
Matrix: Ground Water
Collect Date: 09−MAY−06 14:20
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1202	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14 Project: SAVL00206
Sample ID: 162526005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14 Project: SAVL00206
Sample ID: 162526005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	83.1	95.2	87	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.9	47.6	80	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	43.2	95.2	45	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	39.9	47.6	84	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	25.8	95.2	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.9	47.6	73	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15
Sample ID: 162526006
Matrix: Ground Water
Collect Date: 09−MAY−06 14:45
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1223	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15 Project: SAVL00206
Sample ID: 162526006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15 Project: SAVL00206
Sample ID: 162526006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	46.2	95.2	48	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.2	47.6	76	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	32.2	95.2	34	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.7	47.6	75	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.1	95.2	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.7	47.6	71	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16
Sample ID: 162526007
Matrix: Ground Water
Collect Date: 09−MAY−06 15:08
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1245	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16 Project: SAVL00206
Sample ID: 162526007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16 Project: SAVL00206
Sample ID: 162526007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	23.9	95.2	25 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	28.4	47.6	60	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	15.0	95.2	16 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	31.2	47.6	65	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	13.7	95.2	14	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	27.1	47.6	57	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17
Sample ID: 162526008
Matrix: Ground Water
Collect Date: 09−MAY−06 15:35
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1307	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17 Project: SAVL00206
Sample ID: 162526008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17 Project: SAVL00206
Sample ID: 162526008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	2.75	95.2	3 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.2	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	1.01	95.2	1 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.9	47.6	75	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	1.12	95.2	1 *	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	31.4	47.6	66	(50%−131%)

QC Summary

Report Date: May 17, 2006
Page 1 of 4

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528631											
QC1201090086 LCSD											
1,2,4-Trichlorobenzene	50.0			37.7	ug/L	4	75	(0%-20%)	JMB3	05/11/06	10:15
1,4-Dichlorobenzene	50.0			32.0	ug/L	2	64	(0%-22%)			
2,4-Dinitrotoluene	50.0			47.9	ug/L	3	96	(0%-16%)			
2-Chlorophenol	100			72.6	ug/L	8	73	(0%-16%)			
4-Chloro-3-methylphenol	100			80.7	ug/L	2	81	(0%-15%)			
4-Nitrophenol	100			51.7	ug/L	6	52	(0%-21%)			
Acenaphthene	50.0			45.6	ug/L	2	91	(0%-18%)			
N-Nitrosodipropylamine	50.0			44.2	ug/L	8	89	(0%-16%)			
Pentachlorophenol	100			81.2	ug/L	3	81	(0%-18%)			
Phenol	100			34.8	ug/L	9	35	(0%-18%)			
Pyrene	50.0			40.4	ug/L	0	81	(0%-21%)			
**2,4,6-Tribromophenol	100			89.6	ug/L		90	(40%-115%)			
**2-Fluorobiphenyl	50.0			41.4	ug/L		83	(51%-102%)			
**2-Fluorophenol	100			56.0	ug/L		56	(20%-67%)			
**Nitrobenzene-d5	50.0			40.8	ug/L		82	(49%-108%)			
**Phenol-d5	100			36.7	ug/L		37	(10%-53%)			
**p-Terphenyl-d14	50.0			39.6	ug/L		79	(50%-131%)			
Semi-Volatiles-GC/MS											
Batch 528631											
QC1201089732 LCS											
1,2,4-Trichlorobenzene	50.0			36.1	ug/L		72	(43%-90%)	JMB3	05/11/06	09:54
1,4-Dichlorobenzene	50.0			31.4	ug/L		63	(38%-90%)			
2,4-Dinitrotoluene	50.0			46.8	ug/L		94	(52%-117%)			
2-Chlorophenol	100			66.9	ug/L		67	(54%-90%)			
4-Chloro-3-methylphenol	100			82.5	ug/L		83	(59%-107%)			
4-Nitrophenol	100			48.5	ug/L		49	(16%-54%)			
Acenaphthene	50.0			44.6	ug/L		89	(56%-108%)			
N-Nitrosodipropylamine	50.0			40.8	ug/L		82	(54%-106%)			
Pentachlorophenol	100			78.5	ug/L		79	(40%-115%)			
Phenol	100			31.9	ug/L		32	(22%-50%)			
Pyrene	50.0			40.4	ug/L		81	(51%-117%)			
**2,4,6-Tribromophenol	100			88.3	ug/L		88	(40%-115%)			
**2-Fluorobiphenyl	50.0			39.9	ug/L		80	(51%-102%)			
**2-Fluorophenol	100			50.2	ug/L		50	(20%-67%)			
**Nitrobenzene-d5	50.0			38.7	ug/L		77	(49%-108%)			
**Phenol-d5	100			34.3	ug/L		34	(10%-53%)			
**p-Terphenyl-d14	50.0			37.9	ug/L		76	(50%-131%)			
QC1201089731 MB											
1,1'-Biphenyl			U	ND	ug/L					05/11/06	09:33
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						

QC Summary

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-GC/MS											
Batch 528631											
1,4-Dichlorobenzene			U	ND	ug/L						
2,4,5-Trichlorophenol			U	ND	ug/L				JMB3	05/11/06	09:33
2,4,6-Trichlorophenol			U	ND	ug/L						
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L						
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						

QC Summary

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-GC/MS										
Batch 528631										
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L				JMB3	05/11/06 09:33
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
alpha-Terpineol			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Chloroisopropyl)ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			71.7	ug/L		72	(40%-115%)		
**2-Fluorobiphenyl	50.0			37.0	ug/L		74	(51%-102%)		
**2-Fluorophenol	100			46.1	ug/L		46	(20%-67%)		
**Nitrobenzene-d5	50.0			38.4	ug/L		77	(49%-108%)		
**Phenol-d5	100			28.9	ug/L		29	(10%-53%)		
**p-Terphenyl-d14	50.0			37.7	ug/L		75	(50%-131%)		

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

QC Summary

Workorder: 162526

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

ANALYTICAL REPORT

Job Number: 400-11664-1

Job Description: CTF 05-526

For:
Advent Environmental, Inc.
498 Wando Park Blvd.
Suite 500
Mt. Pleasant, SC 29464

Attention: Mr. Brian Crawford

Erin S Carter
Project Manager I
escarter@stl-inc.com
05/23/2006

Project Manager: Erin S Carter

The test results in this report meet all NELAP requirements for accredited parameters. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced except in full, and with written approval from the laboratory. STL Pensacola Certifications and Approvals: Alabama (#40150), Arizona (#AZ0589), Arkansas (#88-0689), California (#2510), Florida (#E81010), Florida CQAP (#980156), Illinois (#200041), Iowa (#367), Kansas (#E10253), Kentucky UST (#0053), Louisiana (#30748), Maryland (#233), Massachusetts (#M-FL094), Michigan (#9912), New Hampshire (#250502), New Jersey (#FL006), North Carolina (#314), North Dakota (#R-108), Oklahoma (#9810), Pennsylvania (#68-467), South Carolina (#96026), Tennessee (#02907), Virginia (#00008), West Virginia (#136), USDA Foreign Soil Permit (#S-37599).

METHOD SUMMARY

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-PEN	SW846 8260B	
Purge-and-Trap	STL-PEN		SW846 5030B

LAB REFERENCES:

STL-PEN = STL-Pensacola

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986
And Its Updates.

METHOD / ANALYST SUMMARY

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

Method	Analyst	Analyst ID
SW846 8260B	Drew, Walter	WD

SAMPLE SUMMARY

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
400-11664-1	MW-31	Water	05/09/2006 0930	05/12/2006 0833
400-11664-2	MW-25	Water	05/09/2006 1100	05/12/2006 0833
400-11664-3FD	MW-25 DUP	Water	05/09/2006 1100	05/12/2006 0833
400-11664-4	MW-9	Water	05/09/2006 1340	05/12/2006 0833
400-11664-5	MW-28	Water	05/09/2006 1515	05/12/2006 0833
400-11664-6	MW-33	Water	05/09/2006 0950	05/12/2006 0833
400-11664-7	MW-32	Water	05/09/2006 0925	05/12/2006 0833
400-11664-8	MW-10	Water	05/09/2006 1035	05/12/2006 0833
400-11664-9	MW-30	Water	05/09/2006 1102	05/12/2006 0833
400-11664-10	MW-29R	Water	05/09/2006 1330	05/12/2006 0833
400-11664-11FD	MW-29R DUP	Water	05/09/2006 1330	05/12/2006 0833
400-11664-12	MW-19	Water	05/09/2006 1325	05/12/2006 0833
400-11664-13	MW-26	Water	05/09/2006 1505	05/12/2006 0833
400-11664-14	MW-27	Water	05/09/2006 1456	05/12/2006 0833
400-11664-15	MW-22	Water	05/09/2006 0944	05/12/2006 0833
400-11664-16	MW-23	Water	05/09/2006 1047	05/12/2006 0833
400-11664-17	MW-24	Water	05/09/2006 1342	05/12/2006 0833
400-11664-18	MW-14	Water	05/09/2006 1420	05/12/2006 0833
400-11664-19	MW-15	Water	05/09/2006 1445	05/12/2006 0833
400-11664-20	MW-16	Water	05/09/2006 1508	05/12/2006 0833
400-11664-21	MW-17	Water	05/09/2006 1535	05/12/2006 0833

SAMPLE RESULTS

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-31

Lab Sample ID: 400-11664-1 Date Sampled: 05/09/2006 0930
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116641.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1607 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1607

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	92	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-25

Lab Sample ID: 400-11664-2 Date Sampled: 05/09/2006 1100
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116642.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1643 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1643

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	83 - 126
Dibromofluoromethane	93	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-25 DUP

Lab Sample ID: 400-11664-3FD Date Sampled: 05/09/2006 1100
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116643.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1719 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1719

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	87	83 - 126
Dibromofluoromethane	93	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-9

Lab Sample ID: 400-11664-4 Date Sampled: 05/09/2006 1340
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116644.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1755 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1755

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	83 - 126
Dibromofluoromethane	95	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-28

Lab Sample ID: 400-11664-5 Date Sampled: 05/09/2006 1515
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116645.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1831 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1831

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	95	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-33

Lab Sample ID: 400-11664-6 Date Sampled: 05/09/2006 0950
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-26946 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116646.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/19/2006 1907 Final Weight/Volume: 5 mL
Date Prepared: 05/19/2006 1907

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	83 - 126
Dibromofluoromethane	90	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-32

Lab Sample ID: 400-11664-7 Date Sampled: 05/09/2006 0925
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116647.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 0726 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 0726

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	83 - 126
Dibromofluoromethane	92	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-10

Lab Sample ID: 400-11664-8 Date Sampled: 05/09/2006 1035
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116648.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 0758 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 0758

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	9.2		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	91	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-30

Lab Sample ID: 400-11664-9 Date Sampled: 05/09/2006 1102
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 4116649.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 0830 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 0830

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	94	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-29R

Lab Sample ID: 400-11664-10 Date Sampled: 05/09/2006 1330
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166410.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 0941 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 0941

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	93	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: **MW-29R DUP**

Lab Sample ID: 400-11664-11FD
Client Matrix: Water

Date Sampled: 05/09/2006 1330
Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/20/2006 1017
Date Prepared: 05/20/2006 1017

Analysis Batch: 400-27012

Instrument ID: GC/MS
Lab File ID: 41166411.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	83 - 126
Dibromofluoromethane	99	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: **MW-19**

Lab Sample ID: 400-11664-12 Date Sampled: 05/09/2006 1325
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166412.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1053 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1053

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	83 - 126
Dibromofluoromethane	92	69 - 130
Toluene-d8	105	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-26

Lab Sample ID: 400-11664-13 Date Sampled: 05/09/2006 1505
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166413.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1129 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1129

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	96	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: **MW-27**

Lab Sample ID: 400-11664-14 Date Sampled: 05/09/2006 1456
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166414.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1204 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1204

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	83 - 126
Dibromofluoromethane	94	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: **MW-22**

Lab Sample ID: 400-11664-15 Date Sampled: 05/09/2006 0944
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166415.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1240 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1240

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	83 - 126
Dibromofluoromethane	96	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-23

Lab Sample ID: 400-11664-16 Date Sampled: 05/09/2006 1047
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166416.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1316 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1316

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	83 - 126
Dibromofluoromethane	93	69 - 130
Toluene-d8	105	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-24

Lab Sample ID: 400-11664-17 Date Sampled: 05/09/2006 1342
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166417.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1351 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1351

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	95	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-14

Lab Sample ID: 400-11664-18 Date Sampled: 05/09/2006 1420
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166418.D
Dilution: 2.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1427 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1427

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		2.0	2.0
Toluene	ND		1.6	10
Ethylbenzene	ND		1.8	10
Xylenes, Total	ND		3.2	20
Methyl tert-butyl ether	ND		1.8	10
Naphthalene	ND		3.6	10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	83 - 126
Dibromofluoromethane	96	69 - 130
Toluene-d8	103	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-15

Lab Sample ID: 400-11664-19 Date Sampled: 05/09/2006 1445
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166419.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1503 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1503

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	83 - 126
Dibromofluoromethane	97	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: MW-16

Lab Sample ID: 400-11664-20 Date Sampled: 05/09/2006 1508
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166420.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1538 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1538

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	83 - 126
Dibromofluoromethane	96	69 - 130
Toluene-d8	104	86 - 116

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Client Sample ID: **MW-17**

Lab Sample ID: 400-11664-21 Date Sampled: 05/09/2006 1535
Client Matrix: Water Date Received: 05/12/2006 0833

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 400-27012 Instrument ID: GC/MS
Preparation: 5030B Lab File ID: 41166421.D
Dilution: 2.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/20/2006 1614 Final Weight/Volume: 5 mL
Date Prepared: 05/20/2006 1614

Analyte	Result (ug/L)	Qualifier	MDLE	RL
Benzene	2.3		2.0	2.0
Toluene	ND		1.6	10
Ethylbenzene	ND		1.8	10
Xylenes, Total	ND		3.2	20
Methyl tert-butyl ether	ND		1.8	10
Naphthalene	ND		3.6	10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	83 - 126
Dibromofluoromethane	97	69 - 130
Toluene-d8	104	86 - 116

QUALITY CONTROL RESULTS

Client: Advent Environmental, Inc. Job Number: 400-11664-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:400-26946				
LCS 400-26946/2	Lab Control Spike	Water	8260B	
MB 400-26946/1	Method Blank	Water	8260B	
400-11664-1	MW-31	Water	8260B	
400-11664-1MS	Matrix Spike	Water	8260B	
400-11664-1MSD	Matrix Spike Duplicate	Water	8260B	
400-11664-2	MW-25	Water	8260B	
400-11664-3FD	MW-25 DUP	Water	8260B	
400-11664-4	MW-9	Water	8260B	
400-11664-5	MW-28	Water	8260B	
400-11664-6	MW-33	Water	8260B	
Analysis Batch:400-27012				
LCS 400-27012/2	Lab Control Spike	Water	8260B	
MB 400-27012/1	Method Blank	Water	8260B	
400-11664-7	MW-32	Water	8260B	
400-11664-8	MW-10	Water	8260B	
400-11664-9	MW-30	Water	8260B	
400-11664-10	MW-29R	Water	8260B	
400-11664-11FD	MW-29R DUP	Water	8260B	
400-11664-12	MW-19	Water	8260B	
400-11664-13	MW-26	Water	8260B	
400-11664-14	MW-27	Water	8260B	
400-11664-15	MW-22	Water	8260B	
400-11664-16	MW-23	Water	8260B	
400-11664-17	MW-24	Water	8260B	
400-11664-18	MW-14	Water	8260B	
400-11664-19	MW-15	Water	8260B	
400-11664-20	MW-16	Water	8260B	
400-11664-21	MW-17	Water	8260B	

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
400-11664-1MS	MW-31	92	92	103
400-11664-1MSD	MW-31	93	94	103
LCS 400-26946/2		91	87	103
LCS 400-27012/2		93	93	100
MB 400-26946/1		87	88	102
MB 400-27012/1		88	91	102
400-11664-1	MW-31	90	92	103
400-11664-2	MW-25	88	93	104
400-11664-3FD	MW-25 DUP	87	93	103
400-11664-4	MW-9	89	95	104
400-11664-5	MW-28	90	95	104
400-11664-6	MW-33	89	90	104
400-11664-7	MW-32	89	92	103
400-11664-8	MW-10	90	91	104
400-11664-9	MW-30	90	94	103
400-11664-10	MW-29R	90	93	104
400-11664-11FD	MW-29R DUP	92	99	104
400-11664-12	MW-19	91	92	105
400-11664-13	MW-26	90	96	103
400-11664-14	MW-27	89	94	103
400-11664-15	MW-22	88	96	104
400-11664-16	MW-23	91	93	105
400-11664-17	MW-24	90	95	103
400-11664-18	MW-14	91	96	103
400-11664-19	MW-15	90	97	104

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

		(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
400-11664-20	MW-16	89	96	104
400-11664-21	MW-17	91	97	104

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	83 - 126
(DBFM)	Dibromofluoromethane	69 - 130
(TOL)	Toluene-d8	86 - 116

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

Method Blank - Batch: 400-26946

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-26946/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0748
Date Prepared: 05/19/2006 0748

Analysis Batch: 400-26946
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW431ABK.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	87	83 - 126
Dibromofluoromethane	88	69 - 130
Toluene-d8	102	86 - 116

Laboratory Control Sample - Batch: 400-26946

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-26946/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/19/2006 0820
Date Prepared: 05/19/2006 0820

Analysis Batch: 400-26946
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW431LCS.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	47.6	95	83 - 110	
Toluene	50.0	48.6	97	82 - 117	
Ethylbenzene	50.0	50.5	101	76 - 123	
Xylenes, Total	150	154	103	76 - 130	
Methyl tert-butyl ether	50.0	57.2	114	71 - 123	
Naphthalene	50.0	64.7	129	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	91	83 - 126
Dibromofluoromethane	87	69 - 130
Toluene-d8	103	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 400-26946

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	400-11664-1	Analysis Batch:	400-26946	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	LW431MS.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/19/2006 1458			Final Weight/Volume:	5 mL
Date Prepared:	05/19/2006 1458				

MSD Lab Sample ID:	400-11664-1	Analysis Batch:	400-26946	Instrument ID:	GC/MS
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	LW431MD.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Date Analyzed:	05/19/2006 1531			Final Weight/Volume:	5 mL
Date Prepared:	05/19/2006 1531				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	100	85 - 116	6	11		
Toluene	97	102	84 - 119	6	14		
Ethylbenzene	97	102	83 - 121	5	18		
Xylenes, Total	101	107	82 - 126	6	18		
Methyl tert-butyl ether	117	129	51 - 152	10	20		
Naphthalene	118	131	62 - 153	11	23		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	92	93	83 - 126
Dibromofluoromethane	92	94	69 - 130
Toluene-d8	103	103	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Advent Environmental, Inc.

Job Number: 400-11664-1

Method Blank - Batch: 400-27012

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 400-27012/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2006 0622
Date Prepared: 05/20/2006 0622

Analysis Batch: 400-27012
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW432ABK.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDLE	RL
Benzene	ND		1.0	1.0
Toluene	ND		0.80	5.0
Ethylbenzene	ND		0.90	5.0
Xylenes, Total	ND		1.6	10
Methyl tert-butyl ether	ND		0.89	5.0
Naphthalene	ND		1.8	5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	88	83 - 126
Dibromofluoromethane	91	69 - 130
Toluene-d8	102	86 - 116

Laboratory Control Sample - Batch: 400-27012

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 400-27012/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/20/2006 0654
Date Prepared: 05/20/2006 0654

Analysis Batch: 400-27012
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS
Lab File ID: LW432LCS.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	50.0	47.0	94	83 - 110	
Toluene	50.0	48.5	97	82 - 117	
Ethylbenzene	50.0	48.4	97	76 - 123	
Xylenes, Total	150	155	103	76 - 130	
Methyl tert-butyl ether	50.0	58.0	116	71 - 123	
Naphthalene	50.0	60.0	120	64 - 138	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	93	83 - 126
Dibromofluoromethane	93	69 - 130
Toluene-d8	100	86 - 116

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Advent Environmental, Inc. Job Number: 400-11664-1

Login Number: 11664

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	1.4°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	2 vials have headspaces for sample #MW-10
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Shaun Malin
Advent Environmental - SC
498 Wando Park Blvd., Suite 500
Mt. Pleasant, SC 29464

May 30,2006

ESC Sample # : L245830-01

Date Received : May 18, 2006
Description : Chicora Tank Farm

Site ID : CTF

Sample ID : DRUM WP

Project # : 05-526

Collected By : ECS/JWW
Collection Date : 05/17/06 14:38

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	1.0	ug/l	8260B	05/24/06	1
Toluene	BDL	5.0	ug/l	8260B	05/24/06	1
Ethylbenzene	BDL	1.0	ug/l	8260B	05/24/06	1
Total Xylenes	BDL	3.0	ug/l	8260B	05/24/06	1
Methyl tert-butyl ether	BDL	1.0	ug/l	8260B	05/24/06	1
Naphthalene	140	120	ug/l	8260B	05/24/06	25
Surrogate Recovery						
Toluene-d8	96.		% Rec.	8260B	05/24/06	1
Dibromofluoromethane	100		% Rec.	8260B	05/24/06	1
4-Bromofluorobenzene	110		% Rec.	8260B	05/24/06	1
Polynuclear Aromatic Hydrocarbons						
Benzo(a)anthracene	38.	20.	ug/l	8270C	05/26/06	20
Benzo(b)fluoranthene	BDL	20.	ug/l	8270C	05/26/06	20
Benzo(k)fluoranthene	BDL	20.	ug/l	8270C	05/26/06	20
Chrysene	BDL	20.	ug/l	8270C	05/26/06	20
Dibenz(a,h)anthracene	BDL	20.	ug/l	8270C	05/26/06	20
Surrogate Recovery						
Nitrobenzene-d5	90.		% Rec.	8270C	05/26/06	20
2-Fluorobiphenyl	61.		% Rec.	8270C	05/26/06	20
p-Terphenyl-d14	67.		% Rec.	8270C	05/26/06	20

Jimmy Hunt, ESC Representative

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
.
Reported: 05/30/06 09:17 Printed: 05/30/06 10:03

Summary of Remarks For Samples Printed
05/30/06 at 10:03:31

TSR Signing Reports: 350
R5 - Desired TAT

Sample: L245830-01 Account: ADVENTMSC Received: 05/18/06 09:00 Due Date: 05/25/06 00:00 RPT Date: 05/30/06 09:17
Chance of free product

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162406 GEL Work Order: 162406

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35
Sample ID: 162406001
Matrix: Ground Water
Collect Date: 08−MAY−06 14:10
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		3.09	10.3	ug/L	1	RMB	05/10/06	1532	528251	1
1,2,4−Trichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,2−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,3−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
1,4−Dichlorobenzene	U	ND		2.06	10.3	ug/L	1					
2,4,5−Trichlorophenol	U	ND		1.03	10.3	ug/L	1					
2,4,6−Trichlorophenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dichlorophenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dimethylphenol	U	ND		2.06	10.3	ug/L	1					
2,4−Dinitrophenol	U	ND		10.3	20.6	ug/L	1					
2,4−Dinitrotoluene	U	ND		2.06	10.3	ug/L	1					
2,6−Dinitrotoluene	U	ND		2.06	10.3	ug/L	1					
2−Chloronaphthalene	U	ND		0.361	1.03	ug/L	1					
2−Chlorophenol	U	ND		2.06	10.3	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		3.09	10.3	ug/L	1					
2−Methylnaphthalene	J	0.509		0.309	1.03	ug/L	1					
2−Nitrophenol	U	ND		2.06	10.3	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		1.03	10.3	ug/L	1					
4−Bromophenylphenylether	U	ND		2.06	10.3	ug/L	1					
4−Chloro−3−methylphenol	U	ND		2.06	10.3	ug/L	1					
4−Chloroaniline	U	ND		2.06	10.3	ug/L	1					
4−Chlorophenylphenylether	U	ND		2.06	10.3	ug/L	1					
4−Nitrophenol	U	ND		2.06	10.3	ug/L	1					
Acenaphthene		1.60		0.320	1.03	ug/L	1					
Acenaphthylene	U	ND		0.206	1.03	ug/L	1					
Anthracene	U	ND		0.206	1.03	ug/L	1					
Atrazine	U	ND		2.06	10.3	ug/L	1					
Benzaldehyde	U	ND		3.09	10.3	ug/L	1					
Benzo(a)anthracene	U	ND		0.206	1.03	ug/L	1					
Benzo(a)pyrene	U	ND		0.206	1.03	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.206	1.03	ug/L	1					
Benzo(ghi)perylene	U	ND		0.206	1.03	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.206	1.03	ug/L	1					
Butylbenzylphthalate	U	ND		2.06	10.3	ug/L	1					
Carbazole	J	0.224		0.206	10.3	ug/L	1					
Chrysene	U	ND		0.206	1.03	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35 Project: SAVL00206
Sample ID: 162406001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.06	10.3	ug/L	1				
Di−n−octylphthalate	U	ND		3.09	10.3	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.206	1.03	ug/L	1				
Dibenzofuran	U	ND		2.06	10.3	ug/L	1				
Diethylphthalate	U	ND		2.06	10.3	ug/L	1				
Dimethylphthalate	U	ND		2.06	10.3	ug/L	1				
Diphenylamine	U	ND		3.09	10.3	ug/L	1				
Fluoranthene	U	ND		0.206	1.03	ug/L	1				
Fluorene	J	0.695		0.206	1.03	ug/L	1				
Hexachlorobenzene	U	ND		2.06	10.3	ug/L	1				
Hexachlorobutadiene	U	ND		2.06	10.3	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.06	10.3	ug/L	1				
Hexachloroethane	U	ND		2.06	10.3	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.206	1.03	ug/L	1				
Isophorone	U	ND		2.06	10.3	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.06	10.3	ug/L	1				
Naphthalene		3.61		0.309	1.03	ug/L	1				
Nitrobenzene	U	ND		3.09	10.3	ug/L	1				
Pentachlorophenol	U	ND		2.06	10.3	ug/L	1				
Phenanthrene	J	0.312		0.206	1.03	ug/L	1				
Phenol	U	ND		1.03	10.3	ug/L	1				
Pyrene	U	ND		0.309	1.03	ug/L	1				
alpha−Terpineol	U	ND		3.09	10.3	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.09	10.3	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.06	10.3	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.06	10.3	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.06	10.3	ug/L	1				
m,p−Cresols	U	ND		3.09	10.3	ug/L	1				
m−Nitroaniline	U	ND		2.06	10.3	ug/L	1				
o−Cresol	U	ND		2.06	10.3	ug/L	1				
o−Nitroaniline	U	ND		2.06	10.3	ug/L	1				
p−Nitroaniline	U	ND		3.09	10.3	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW35 Project: SAVL00206
Sample ID: 162406001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	15.1	103	15 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.6	51.5	63	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	26.9	103	26	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	29.5	51.5	57	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	18.0	103	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	40.9	51.5	79	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4
Sample ID: 162406002
Matrix: Ground Water
Collect Date: 08−MAY−06 13:48
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/10/06	1554	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene	U	ND		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene	U	ND		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	U	ND		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole	U	ND		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4 Project: SAVL00206
Sample ID: 162406002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	U	ND		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	U	ND		0.189	0.943	ug/L	1				
Fluorene	U	ND		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene	U	ND		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene	U	ND		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	U	ND		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW4 Project: SAVL00206
Sample ID: 162406002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	17.0	94.3	18 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	29.9	47.2	63	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	24.1	94.3	26	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	27.2	47.2	58	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	16.1	94.3	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.9	47.2	70	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3
Sample ID: 162406003
Matrix: Ground Water
Collect Date: 08−MAY−06 14:53
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/11/06	1218	528251	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3 Project: SAVL00206
Sample ID: 162406003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW3 Project: SAVL00206
Sample ID: 162406003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	7.92	96.2	8 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.5	48.1	78	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	19.7	96.2	20	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.8	48.1	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	18.3	96.2	19	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	37.7	48.1	78	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8
Sample ID: 162406004
Matrix: Ground Water
Collect Date: 08−MAY−06 15:55
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/10/06	1638	528251	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8 Project: SAVL00206
Sample ID: 162406004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW8 Project: SAVL00206
Sample ID: 162406004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	55.0	96.2	57	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.6	48.1	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	39.4	96.2	41	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.6	48.1	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.2	96.2	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	35.1	48.1	73	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11
Sample ID: 162406005
Matrix: Ground Water
Collect Date: 08−MAY−06 16:00
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/10/06	1701	528251	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene	U	ND		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	U	ND		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11 Project: SAVL00206
Sample ID: 162406005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW11 Project: SAVL00206
Sample ID: 162406005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	45.0	95.2	47	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.9	95.2	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.9	47.6	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.9	95.2	22	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	42.4	47.6	89	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5
Sample ID: 162406006
Matrix: Ground Water
Collect Date: 08−MAY−06 13:45
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/10/06	1723	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene	U	ND		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene	U	ND		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	U	ND		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole	U	ND		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5 Project: SAVL00206
Sample ID: 162406006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	U	ND		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	U	ND		0.189	0.943	ug/L	1				
Fluorene	U	ND		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene	U	ND		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene	U	ND		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	U	ND		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW5 Project: SAVL00206
Sample ID: 162406006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	42.3	94.3	45	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.7	47.2	73	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	40.7	94.3	43	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.7	47.2	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.6	94.3	26	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	47.5	47.2	101	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2
Sample ID: 162406007
Matrix: Ground Water
Collect Date: 08−MAY−06 14:40
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB	05/11/06	1325	528251	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1					
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1					
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1					
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1					
2−Methylnaphthalene		4.41		0.283	0.943	ug/L	1					
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1					
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1					
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1					
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1					
Acenaphthene		13.9		0.292	0.943	ug/L	1					
Acenaphthylene	U	ND		0.189	0.943	ug/L	1					
Anthracene	J	0.771		0.189	0.943	ug/L	1					
Atrazine	U	ND		1.89	9.43	ug/L	1					
Benzaldehyde	U	ND		2.83	9.43	ug/L	1					
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1					
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1					
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1					
Carbazole		14.1		0.189	9.43	ug/L	1					
Chrysene	U	ND		0.189	0.943	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2 Project: SAVL00206
Sample ID: 162406007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran	J	5.58		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene	J	0.649		0.189	0.943	ug/L	1				
Fluorene		7.29		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene		66.1		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene		6.35		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene	J	0.376		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2 Project: SAVL00206
Sample ID: 162406007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	39.9	94.3	42	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	31.0	47.2	66	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	30.0	94.3	32	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	29.7	47.2	63	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	19.6	94.3	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.0	47.2	72	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008
Matrix: Ground Water
Collect Date: 08−MAY−06 14:45
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/11/06	1433	528251	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene		3.81		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene		11.9		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	J	0.644		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole		11.9		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	J	4.82		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	J	0.604		0.190	0.952	ug/L	1				
Fluorene		6.44		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene		58.4		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene		5.84		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	J	0.342		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW2−DUP
Sample ID: 162406008

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	53.3	95.2	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	31.0	47.6	65	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	34.9	95.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.7	47.6	64	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.2	95.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.9	47.6	71	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20
Sample ID: 162406009
Matrix: Ground Water
Collect Date: 08−MAY−06 16:00
Receive Date: 08−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.94	9.80	ug/L	1	RMB	05/11/06	1410	528251	1
1,2,4−Trichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.96	9.80	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.980	9.80	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dichlorophenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dimethylphenol	U	ND		1.96	9.80	ug/L	1					
2,4−Dinitrophenol	U	ND		9.80	19.6	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.96	9.80	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.96	9.80	ug/L	1					
2−Chloronaphthalene	U	ND		0.343	0.980	ug/L	1					
2−Chlorophenol	U	ND		1.96	9.80	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.94	9.80	ug/L	1					
2−Methylnaphthalene	U	ND		0.294	0.980	ug/L	1					
2−Nitrophenol	U	ND		1.96	9.80	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.980	9.80	ug/L	1					
4−Bromophenylphenylether	U	ND		1.96	9.80	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.96	9.80	ug/L	1					
4−Chloroaniline	U	ND		1.96	9.80	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.96	9.80	ug/L	1					
4−Nitrophenol	U	ND		1.96	9.80	ug/L	1					
Acenaphthene	U	ND		0.304	0.980	ug/L	1					
Acenaphthylene	U	ND		0.196	0.980	ug/L	1					
Anthracene	U	ND		0.196	0.980	ug/L	1					
Atrazine	U	ND		1.96	9.80	ug/L	1					
Benzaldehyde	U	ND		2.94	9.80	ug/L	1					
Benzo(a)anthracene	U	ND		0.196	0.980	ug/L	1					
Benzo(a)pyrene	U	ND		0.196	0.980	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.196	0.980	ug/L	1					
Benzo(ghi)perylene	U	ND		0.196	0.980	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.196	0.980	ug/L	1					
Butylbenzylphthalate	U	ND		1.96	9.80	ug/L	1					
Carbazole	U	ND		0.196	9.80	ug/L	1					
Chrysene	U	ND		0.196	0.980	ug/L	1					

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20 Project: SAVL00206
Sample ID: 162406009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.96	9.80	ug/L	1				
Di−n−octylphthalate	U	ND		2.94	9.80	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.196	0.980	ug/L	1				
Dibenzofuran	U	ND		1.96	9.80	ug/L	1				
Diethylphthalate	U	ND		1.96	9.80	ug/L	1				
Dimethylphthalate	U	ND		1.96	9.80	ug/L	1				
Diphenylamine	U	ND		2.94	9.80	ug/L	1				
Fluoranthene	U	ND		0.196	0.980	ug/L	1				
Fluorene	U	ND		0.196	0.980	ug/L	1				
Hexachlorobenzene	U	ND		1.96	9.80	ug/L	1				
Hexachlorobutadiene	U	ND		1.96	9.80	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.96	9.80	ug/L	1				
Hexachloroethane	U	ND		1.96	9.80	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.196	0.980	ug/L	1				
Isophorone	U	ND		1.96	9.80	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.96	9.80	ug/L	1				
Naphthalene	U	ND		0.294	0.980	ug/L	1				
Nitrobenzene	U	ND		2.94	9.80	ug/L	1				
Pentachlorophenol	U	ND		1.96	9.80	ug/L	1				
Phenanthrene	U	ND		0.196	0.980	ug/L	1				
Phenol	U	ND		0.980	9.80	ug/L	1				
Pyrene	U	ND		0.294	0.980	ug/L	1				
alpha−Terpineol	U	ND		2.94	9.80	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.94	9.80	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.96	9.80	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.96	9.80	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.96	9.80	ug/L	1				
m,p−Cresols	U	ND		2.94	9.80	ug/L	1				
m−Nitroaniline	U	ND		1.96	9.80	ug/L	1				
o−Cresol	U	ND		1.96	9.80	ug/L	1				
o−Nitroaniline	U	ND		1.96	9.80	ug/L	1				
p−Nitroaniline	U	ND		2.94	9.80	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXM1	05/10/06	1325	528250

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW20 Project: SAVL00206
Sample ID: 162406009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	58.2	98.0	59	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.6	49.0	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	42.1	98.0	43	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.6	49.0	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	26.5	98.0	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.6	49.0	79	(50%−131%)

QC Summary

Report Date: May 17, 2006
Page 1 of 3

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162406**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528251										
QC1201088720 LCS										
1,2,4-Trichlorobenzene	50.0			38.0	ug/L		76	(43%-90%)	RMB	05/10/06 14:47
1,4-Dichlorobenzene	50.0			34.3	ug/L		69	(38%-90%)		
2,4-Dinitrotoluene	50.0			45.6	ug/L		91	(52%-117%)		
2-Chlorophenol	100			66.1	ug/L		66	(54%-90%)		
4-Chloro-3-methylphenol	100			70.6	ug/L		71	(59%-107%)		
4-Nitrophenol	100			33.7	ug/L		34	(16%-54%)		
Acenaphthene	50.0			41.5	ug/L		83	(56%-108%)		
N-Nitrosodipropylamine	50.0			35.8	ug/L		72	(54%-106%)		
Pentachlorophenol	100			54.5	ug/L		55	(40%-115%)		
Phenol	100			29.5	ug/L		30	(22%-50%)		
Pyrene	50.0			47.1	ug/L		94	(51%-117%)		
**2,4,6-Tribromophenol	100			75.7	ug/L		76	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.0	ug/L		78	(51%-102%)		
**2-Fluorophenol	100			48.7	ug/L		49	(20%-67%)		
**Nitrobenzene-d5	50.0			36.3	ug/L		73	(49%-108%)		
**Phenol-d5	100			32.2	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			44.2	ug/L		88	(50%-131%)		
QC1201089458 LCSD										
1,2,4-Trichlorobenzene	50.0			37.0	ug/L	3	74	(0%-20%)		05/11/06 11:56
1,4-Dichlorobenzene	50.0			32.5	ug/L	5	65	(0%-22%)		
2,4-Dinitrotoluene	50.0			48.4	ug/L	6	97	(0%-16%)		
2-Chlorophenol	100			69.3	ug/L	5	69	(0%-16%)		
4-Chloro-3-methylphenol	100			72.9	ug/L	3	73	(0%-15%)		
4-Nitrophenol	100			41.9	ug/L	22*	42	(0%-21%)		
Acenaphthene	50.0			45.6	ug/L	9	91	(0%-18%)		
N-Nitrosodipropylamine	50.0			39.2	ug/L	9	78	(0%-16%)		
Pentachlorophenol	100			77.8	ug/L	35*	78	(0%-18%)		
Phenol	100			31.6	ug/L	7	32	(0%-18%)		
Pyrene	50.0			46.8	ug/L	1	94	(0%-21%)		
**2,4,6-Tribromophenol	100			92.8	ug/L		93	(40%-115%)		
**2-Fluorobiphenyl	50.0			40.1	ug/L		80	(51%-102%)		
**2-Fluorophenol	100			50.4	ug/L		50	(20%-67%)		
**Nitrobenzene-d5	50.0			37.4	ug/L		75	(49%-108%)		
**Phenol-d5	100			33.9	ug/L		34	(10%-53%)		
**p-Terphenyl-d14	50.0			44.7	ug/L		89	(50%-131%)		
QC1201088719 MB										
1,1'-Biphenyl			U	ND	ug/L					05/11/06 11:34
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **162406**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528251											
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L				RMB	05/11/06	11:34
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						

QC Summary

Workorder: 162406

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528251											
Phenanthrene			U	ND	ug/L						
Phenol			U	ND	ug/L				RMB	05/11/06	11:34
Pyrene			U	ND	ug/L						
alpha-Terpineol			U	ND	ug/L						
bis(2-Chloroethoxy)methane			U	ND	ug/L						
bis(2-Chloroethyl) ether			U	ND	ug/L						
bis(2-Chloroisopropyl)ether			U	ND	ug/L						
bis(2-Ethylhexyl)phthalate			U	ND	ug/L						
m,p-Cresols			U	ND	ug/L						
m-Nitroaniline			U	ND	ug/L						
o-Cresol			U	ND	ug/L						
o-Nitroaniline			U	ND	ug/L						
p-Nitroaniline			U	ND	ug/L						
**2,4,6-Tribromophenol	100			67.2	ug/L		67	(40%-115%)			
**2-Fluorobiphenyl	50.0			37.3	ug/L		75	(51%-102%)			
**2-Fluorophenol	100			44.4	ug/L		44	(20%-67%)			
**Nitrobenzene-d5	50.0			36.2	ug/L		72	(49%-108%)			
**Phenol-d5	100			28.7	ug/L		29	(10%-53%)			
**p-Terphenyl-d14	50.0			43.7	ug/L		87	(50%-131%)			

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GENERAL ENGINEERING LABORATORIES, LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162524 GEL Work Order: 162524

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31
Sample ID: 162524001
Matrix: Ground Water
Collect Date: 09−MAY−06 09:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB 05/12/06	1208	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31 Project: SAVL00206
Sample ID: 162524001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW31 Project: SAVL00206
Sample ID: 162524001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	70.1	95.2	74	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	33.5	47.6	70	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.2	95.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.8	47.6	65	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.1	95.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	39.5	47.6	83	(50%−131%)

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25
Sample ID: 162524002
Matrix: Ground Water
Collect Date: 09−MAY−06 11:00
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		3.41	11.4	ug/L	1	RMB 05/12/06	1230	528633	1
1,2,4−Trichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,2−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,3−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
1,4−Dichlorobenzene	U	ND		2.27	11.4	ug/L	1				
2,4,5−Trichlorophenol	U	ND		1.14	11.4	ug/L	1				
2,4,6−Trichlorophenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dichlorophenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dimethylphenol	U	ND		2.27	11.4	ug/L	1				
2,4−Dinitrophenol	U	ND		11.4	22.7	ug/L	1				
2,4−Dinitrotoluene	U	ND		2.27	11.4	ug/L	1				
2,6−Dinitrotoluene	U	ND		2.27	11.4	ug/L	1				
2−Chloronaphthalene	U	ND		0.398	1.14	ug/L	1				
2−Chlorophenol	U	ND		2.27	11.4	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		3.41	11.4	ug/L	1				
2−Methylnaphthalene	U	ND		0.341	1.14	ug/L	1				
2−Nitrophenol	U	ND		2.27	11.4	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		1.14	11.4	ug/L	1				
4−Bromophenylphenylether	U	ND		2.27	11.4	ug/L	1				
4−Chloro−3−methylphenol	U	ND		2.27	11.4	ug/L	1				
4−Chloroaniline	U	ND		2.27	11.4	ug/L	1				
4−Chlorophenylphenylether	U	ND		2.27	11.4	ug/L	1				
4−Nitrophenol	U	ND		2.27	11.4	ug/L	1				
Acenaphthene	U	ND		0.352	1.14	ug/L	1				
Acenaphthylene	U	ND		0.227	1.14	ug/L	1				
Anthracene	U	ND		0.227	1.14	ug/L	1				
Atrazine	U	ND		2.27	11.4	ug/L	1				
Benzaldehyde	U	ND		3.41	11.4	ug/L	1				
Benzo(a)anthracene	U	ND		0.227	1.14	ug/L	1				
Benzo(a)pyrene	U	ND		0.227	1.14	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.227	1.14	ug/L	1				
Benzo(ghi)perylene	U	ND		0.227	1.14	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.227	1.14	ug/L	1				
Butylbenzylphthalate	U	ND		2.27	11.4	ug/L	1				
Carbazole	U	ND		0.227	11.4	ug/L	1				
Chrysene	U	ND		0.227	1.14	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25 Project: SAVL00206
Sample ID: 162524002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.27	11.4	ug/L	1				
Di−n−octylphthalate	U	ND		3.41	11.4	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.227	1.14	ug/L	1				
Dibenzofuran	U	ND		2.27	11.4	ug/L	1				
Diethylphthalate	U	ND		2.27	11.4	ug/L	1				
Dimethylphthalate	U	ND		2.27	11.4	ug/L	1				
Diphenylamine	U	ND		3.41	11.4	ug/L	1				
Fluoranthene	U	ND		0.227	1.14	ug/L	1				
Fluorene	U	ND		0.227	1.14	ug/L	1				
Hexachlorobenzene	U	ND		2.27	11.4	ug/L	1				
Hexachlorobutadiene	U	ND		2.27	11.4	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.27	11.4	ug/L	1				
Hexachloroethane	U	ND		2.27	11.4	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.227	1.14	ug/L	1				
Isophorone	U	ND		2.27	11.4	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.27	11.4	ug/L	1				
Naphthalene	U	ND		0.341	1.14	ug/L	1				
Nitrobenzene	U	ND		3.41	11.4	ug/L	1				
Pentachlorophenol	U	ND		2.27	11.4	ug/L	1				
Phenanthrene	U	ND		0.227	1.14	ug/L	1				
Phenol	U	ND		1.14	11.4	ug/L	1				
Pyrene	U	ND		0.341	1.14	ug/L	1				
alpha−Terpineol	U	ND		3.41	11.4	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.41	11.4	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.27	11.4	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.27	11.4	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.27	11.4	ug/L	1				
m,p−Cresols	U	ND		3.41	11.4	ug/L	1				
m−Nitroaniline	U	ND		2.27	11.4	ug/L	1				
o−Cresol	U	ND		2.27	11.4	ug/L	1				
o−Nitroaniline	U	ND		2.27	11.4	ug/L	1				
p−Nitroaniline	U	ND		3.41	11.4	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25 Project: SAVL00206
Sample ID: 162524002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	58.6	114	52	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	40.6	56.8	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	41.0	114	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	40.2	56.8	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	26.6	114	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	44.6	56.8	78	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003
Matrix: Ground Water
Collect Date: 09−MAY−06 11:00
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/12/06	1252	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene	U	ND		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene	U	ND		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW25−dup
Sample ID: 162524003

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	50.4	95.2	53	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	35.2	47.6	74	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.1	95.2	35	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.1	47.6	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.7	95.2	22	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.9	47.6	82	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9
Sample ID: 162524004
Matrix: Ground Water
Collect Date: 09−MAY−06 13:40
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/12/06	1314	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene	U	ND		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	U	ND		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	U	ND		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

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Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9 Project: SAVL00206
Sample ID: 162524004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW9 Project: SAVL00206
Sample ID: 162524004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	53.5	96.2	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.0	48.1	67	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.1	96.2	36	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	30.4	48.1	63	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	21.8	96.2	23	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.9	48.1	68	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28
Sample ID: 162524005
Matrix: Ground Water
Collect Date: 09−MAY−06 15:15
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.91	9.71	ug/L	1	RMB 05/12/06	1336	528633	1
1,2,4−Trichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.971	9.71	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dimethylphenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dinitrophenol	U	ND		9.71	19.4	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2−Chloronaphthalene	U	ND		0.340	0.971	ug/L	1				
2−Chlorophenol	U	ND		1.94	9.71	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.91	9.71	ug/L	1				
2−Methylnaphthalene	U	ND		0.291	0.971	ug/L	1				
2−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.971	9.71	ug/L	1				
4−Bromophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.94	9.71	ug/L	1				
4−Chloroaniline	U	ND		1.94	9.71	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
Acenaphthene		2.86		0.301	0.971	ug/L	1				
Acenaphthylene	U	ND		0.194	0.971	ug/L	1				
Anthracene	U	ND		0.194	0.971	ug/L	1				
Atrazine	U	ND		1.94	9.71	ug/L	1				
Benzaldehyde	U	ND		2.91	9.71	ug/L	1				
Benzo(a)anthracene	U	ND		0.194	0.971	ug/L	1				
Benzo(a)pyrene	U	ND		0.194	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND		0.194	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Butylbenzylphthalate	U	ND		1.94	9.71	ug/L	1				
Carbazole	U	ND		0.194	9.71	ug/L	1				
Chrysene	U	ND		0.194	0.971	ug/L	1				

Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28 Project: SAVL00206
Sample ID: 162524005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.94	9.71	ug/L	1				
Di−n−octylphthalate	U	ND		2.91	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.194	0.971	ug/L	1				
Dibenzofuran	U	ND		1.94	9.71	ug/L	1				
Diethylphthalate	U	ND		1.94	9.71	ug/L	1				
Dimethylphthalate	U	ND		1.94	9.71	ug/L	1				
Diphenylamine	U	ND		2.91	9.71	ug/L	1				
Fluoranthene	U	ND		0.194	0.971	ug/L	1				
Fluorene	J	0.415		0.194	0.971	ug/L	1				
Hexachlorobenzene	U	ND		1.94	9.71	ug/L	1				
Hexachlorobutadiene	U	ND		1.94	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.94	9.71	ug/L	1				
Hexachloroethane	U	ND		1.94	9.71	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.194	0.971	ug/L	1				
Isophorone	U	ND		1.94	9.71	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.94	9.71	ug/L	1				
Naphthalene	J	0.772		0.291	0.971	ug/L	1				
Nitrobenzene	U	ND		2.91	9.71	ug/L	1				
Pentachlorophenol	U	ND		1.94	9.71	ug/L	1				
Phenanthrene	U	ND		0.194	0.971	ug/L	1				
Phenol	U	ND		0.971	9.71	ug/L	1				
Pyrene	U	ND		0.291	0.971	ug/L	1				
alpha−Terpineol	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.94	9.71	ug/L	1				
m,p−Cresols	U	ND		2.91	9.71	ug/L	1				
m−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
o−Cresol	U	ND		1.94	9.71	ug/L	1				
o−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
p−Nitroaniline	U	ND		2.91	9.71	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW28 Project: SAVL00206
Sample ID: 162524005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	57.2	97.1	59	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	48.5	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	36.0	97.1	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	32.3	48.5	66	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	23.1	97.1	24	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.9	48.5	76	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33
Sample ID: 162524006
Matrix: Ground Water
Collect Date: 09−MAY−06 09:50
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.91	9.71	ug/L	1	RMB 05/12/06	1358	528633	1
1,2,4−Trichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.94	9.71	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.971	9.71	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dichlorophenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dimethylphenol	U	ND		1.94	9.71	ug/L	1				
2,4−Dinitrophenol	U	ND		9.71	19.4	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.94	9.71	ug/L	1				
2−Chloronaphthalene	U	ND		0.340	0.971	ug/L	1				
2−Chlorophenol	U	ND		1.94	9.71	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.91	9.71	ug/L	1				
2−Methylnaphthalene	U	ND		0.291	0.971	ug/L	1				
2−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.971	9.71	ug/L	1				
4−Bromophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.94	9.71	ug/L	1				
4−Chloroaniline	U	ND		1.94	9.71	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.94	9.71	ug/L	1				
4−Nitrophenol	U	ND		1.94	9.71	ug/L	1				
Acenaphthene		0.992		0.301	0.971	ug/L	1				
Acenaphthylene	U	ND		0.194	0.971	ug/L	1				
Anthracene	U	ND		0.194	0.971	ug/L	1				
Atrazine	U	ND		1.94	9.71	ug/L	1				
Benzaldehyde	U	ND		2.91	9.71	ug/L	1				
Benzo(a)anthracene	U	ND		0.194	0.971	ug/L	1				
Benzo(a)pyrene	U	ND		0.194	0.971	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Benzo(ghi)perylene	U	ND		0.194	0.971	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.194	0.971	ug/L	1				
Butylbenzylphthalate	U	ND		1.94	9.71	ug/L	1				
Carbazole	U	ND		0.194	9.71	ug/L	1				
Chrysene	U	ND		0.194	0.971	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33 Project: SAVL00206
Sample ID: 162524006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.94	9.71	ug/L	1				
Di−n−octylphthalate	U	ND		2.91	9.71	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.194	0.971	ug/L	1				
Dibenzofuran	U	ND		1.94	9.71	ug/L	1				
Diethylphthalate	U	ND		1.94	9.71	ug/L	1				
Dimethylphthalate	U	ND		1.94	9.71	ug/L	1				
Diphenylamine	U	ND		2.91	9.71	ug/L	1				
Fluoranthene	J	0.516		0.194	0.971	ug/L	1				
Fluorene	J	0.352		0.194	0.971	ug/L	1				
Hexachlorobenzene	U	ND		1.94	9.71	ug/L	1				
Hexachlorobutadiene	U	ND		1.94	9.71	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.94	9.71	ug/L	1				
Hexachloroethane	U	ND		1.94	9.71	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.194	0.971	ug/L	1				
Isophorone	U	ND		1.94	9.71	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.94	9.71	ug/L	1				
Naphthalene	U	ND		0.291	0.971	ug/L	1				
Nitrobenzene	U	ND		2.91	9.71	ug/L	1				
Pentachlorophenol	U	ND		1.94	9.71	ug/L	1				
Phenanthrene	U	ND		0.194	0.971	ug/L	1				
Phenol	U	ND		0.971	9.71	ug/L	1				
Pyrene	J	0.334		0.291	0.971	ug/L	1				
alpha−Terpineol	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.91	9.71	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.94	9.71	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.94	9.71	ug/L	1				
m,p−Cresols	U	ND		2.91	9.71	ug/L	1				
m−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
o−Cresol	U	ND		1.94	9.71	ug/L	1				
o−Nitroaniline	U	ND		1.94	9.71	ug/L	1				
p−Nitroaniline	U	ND		2.91	9.71	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW33 Project: SAVL00206
Sample ID: 162524006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	54.3	97.1	56	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.9	48.5	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	39.6	97.1	41	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.3	48.5	71	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	25.1	97.1	26	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	38.1	48.5	79	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32
Sample ID: 162524007
Matrix: Ground Water
Collect Date: 09−MAY−06 09:25
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB	05/12/06	1420	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1					
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1					
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1					
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1					
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1					
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1					
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1					
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1					
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1					
Acenaphthene		11.4		0.298	0.962	ug/L	1					
Acenaphthylene	U	ND		0.192	0.962	ug/L	1					
Anthracene	J	0.554		0.192	0.962	ug/L	1					
Atrazine	U	ND		1.92	9.62	ug/L	1					
Benzaldehyde	U	ND		2.88	9.62	ug/L	1					
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1					
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1					
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1					
Carbazole	J	1.25		0.192	9.62	ug/L	1					
Chrysene	U	ND		0.192	0.962	ug/L	1					

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32 Project: SAVL00206
Sample ID: 162524007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene		2.18		0.192	0.962	ug/L	1				
Fluorene		5.03		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene		6.96		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	J	0.811		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene		1.47		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW32 Project: SAVL00206
Sample ID: 162524007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	45.6	96.2	47	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	32.2	48.1	67	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	35.6	96.2	37	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	31.0	48.1	64	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	22.8	96.2	24	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.9	48.1	70	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10
Sample ID: 162524008
Matrix: Ground Water
Collect Date: 09−MAY−06 10:35
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.83	9.43	ug/L	1	RMB 05/11/06	1926	528633	1
1,2,4−Trichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.89	9.43	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.943	9.43	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dichlorophenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dimethylphenol	U	ND		1.89	9.43	ug/L	1				
2,4−Dinitrophenol	U	ND		9.43	18.9	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.89	9.43	ug/L	1				
2−Chloronaphthalene	U	ND		0.330	0.943	ug/L	1				
2−Chlorophenol	U	ND		1.89	9.43	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.83	9.43	ug/L	1				
2−Methylnaphthalene		49.2		0.283	0.943	ug/L	1				
2−Nitrophenol	U	ND		1.89	9.43	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.943	9.43	ug/L	1				
4−Bromophenylphenylether	U	ND		1.89	9.43	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.89	9.43	ug/L	1				
4−Chloroaniline	U	ND		1.89	9.43	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.89	9.43	ug/L	1				
4−Nitrophenol	U	ND		1.89	9.43	ug/L	1				
Acenaphthene		87.7		0.292	0.943	ug/L	1				
Acenaphthylene	J	0.853		0.189	0.943	ug/L	1				
Anthracene		7.51		0.189	0.943	ug/L	1				
Atrazine	U	ND		1.89	9.43	ug/L	1				
Benzaldehyde	U	ND		2.83	9.43	ug/L	1				
Benzo(a)anthracene	U	ND		0.189	0.943	ug/L	1				
Benzo(a)pyrene	U	ND		0.189	0.943	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.189	0.943	ug/L	1				
Benzo(ghi)perylene	U	ND		0.189	0.943	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.189	0.943	ug/L	1				
Butylbenzylphthalate	U	ND		1.89	9.43	ug/L	1				
Carbazole		23.1		0.189	9.43	ug/L	1				
Chrysene	J	0.397		0.189	0.943	ug/L	1				

Certificate of Analysis

Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10 Project: SAVL00206
Sample ID: 162524008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.89	9.43	ug/L	1				
Di−n−octylphthalate	U	ND		2.83	9.43	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.189	0.943	ug/L	1				
Dibenzofuran		39.2		1.89	9.43	ug/L	1				
Diethylphthalate	U	ND		1.89	9.43	ug/L	1				
Dimethylphthalate	U	ND		1.89	9.43	ug/L	1				
Diphenylamine	U	ND		2.83	9.43	ug/L	1				
Fluoranthene		15.9		0.189	0.943	ug/L	1				
Fluorene		50.4		0.189	0.943	ug/L	1				
Hexachlorobenzene	U	ND		1.89	9.43	ug/L	1				
Hexachlorobutadiene	U	ND		1.89	9.43	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.89	9.43	ug/L	1				
Hexachloroethane	U	ND		1.89	9.43	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.189	0.943	ug/L	1				
Isophorone	U	ND		1.89	9.43	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.89	9.43	ug/L	1				
Naphthalene		7.17		0.283	0.943	ug/L	1				
Nitrobenzene	U	ND		2.83	9.43	ug/L	1				
Pentachlorophenol	U	ND		1.89	9.43	ug/L	1				
Phenanthrene		61.5		0.189	0.943	ug/L	1				
Phenol	U	ND		0.943	9.43	ug/L	1				
Pyrene		9.70		0.283	0.943	ug/L	1				
alpha−Terpineol	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.83	9.43	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.89	9.43	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.89	9.43	ug/L	1				
m,p−Cresols	U	ND		2.83	9.43	ug/L	1				
m−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
o−Cresol	U	ND		1.89	9.43	ug/L	1				
o−Nitroaniline	U	ND		1.89	9.43	ug/L	1				
p−Nitroaniline	U	ND		2.83	9.43	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW10 Project: SAVL00206
Sample ID: 162524008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	62.5	94.3	66	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	35.5	47.2	75	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	37.9	94.3	40	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.4	47.2	73	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.0	94.3	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	39.5	47.2	84	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30
Sample ID: 162524009
Matrix: Ground Water
Collect Date: 09−MAY−06 11:02
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	RMB	05/12/06	1504	528633	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1					
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1					
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1					
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1					
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1					
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1					
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1					
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1					
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1					
Acenaphthene		7.08		0.295	0.952	ug/L	1					
Acenaphthylene	U	ND		0.190	0.952	ug/L	1					
Anthracene		0.958		0.190	0.952	ug/L	1					
Atrazine	U	ND		1.90	9.52	ug/L	1					
Benzaldehyde	U	ND		2.86	9.52	ug/L	1					
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1					
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1					
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1					
Carbazole	U	ND		0.190	9.52	ug/L	1					
Chrysene	U	ND		0.190	0.952	ug/L	1					

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30 Project: SAVL00206
Sample ID: 162524009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	J	2.68		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene		2.58		0.190	0.952	ug/L	1				
Fluorene		3.57		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene		1.68		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW30 Project: SAVL00206
Sample ID: 162524009 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	56.9	95.2	60	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.2	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	36.8	95.2	39	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	33.2	47.6	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	24.3	95.2	25	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.8	47.6	77	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010
Matrix: Ground Water
Collect Date: 09−MAY−06 13:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		2.97	9.90	ug/L	1	RMB	05/11/06	2010	528633	1
1,2,4−Trichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,2−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,3−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
1,4−Dichlorobenzene	U	ND		1.98	9.90	ug/L	1					
2,4,5−Trichlorophenol	U	ND		0.990	9.90	ug/L	1					
2,4,6−Trichlorophenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dichlorophenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dimethylphenol	U	ND		1.98	9.90	ug/L	1					
2,4−Dinitrophenol	U	ND		9.90	19.8	ug/L	1					
2,4−Dinitrotoluene	U	ND		1.98	9.90	ug/L	1					
2,6−Dinitrotoluene	U	ND		1.98	9.90	ug/L	1					
2−Chloronaphthalene	U	ND		0.347	0.990	ug/L	1					
2−Chlorophenol	U	ND		1.98	9.90	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		2.97	9.90	ug/L	1					
2−Methylnaphthalene	J	0.408		0.297	0.990	ug/L	1					
2−Nitrophenol	U	ND		1.98	9.90	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		0.990	9.90	ug/L	1					
4−Bromophenylphenylether	U	ND		1.98	9.90	ug/L	1					
4−Chloro−3−methylphenol	U	ND		1.98	9.90	ug/L	1					
4−Chloroaniline	U	ND		1.98	9.90	ug/L	1					
4−Chlorophenylphenylether	U	ND		1.98	9.90	ug/L	1					
4−Nitrophenol	U	ND		1.98	9.90	ug/L	1					
Acenaphthene		1.72		0.307	0.990	ug/L	1					
Acenaphthylene	U	ND		0.198	0.990	ug/L	1					
Anthracene	U	ND		0.198	0.990	ug/L	1					
Atrazine	U	ND		1.98	9.90	ug/L	1					
Benzaldehyde	U	ND		2.97	9.90	ug/L	1					
Benzo(a)anthracene	U	ND		0.198	0.990	ug/L	1					
Benzo(a)pyrene	U	ND		0.198	0.990	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.198	0.990	ug/L	1					
Benzo(ghi)perylene	U	ND		0.198	0.990	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.198	0.990	ug/L	1					
Butylbenzylphthalate	U	ND		1.98	9.90	ug/L	1					
Carbazole	U	ND		0.198	9.90	ug/L	1					
Chrysene	U	ND		0.198	0.990	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.98	9.90	ug/L	1				
Di−n−octylphthalate	U	ND		2.97	9.90	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.198	0.990	ug/L	1				
Dibenzofuran	U	ND		1.98	9.90	ug/L	1				
Diethylphthalate	U	ND		1.98	9.90	ug/L	1				
Dimethylphthalate	U	ND		1.98	9.90	ug/L	1				
Diphenylamine	U	ND		2.97	9.90	ug/L	1				
Fluoranthene	U	ND		0.198	0.990	ug/L	1				
Fluorene	U	ND		0.198	0.990	ug/L	1				
Hexachlorobenzene	U	ND		1.98	9.90	ug/L	1				
Hexachlorobutadiene	U	ND		1.98	9.90	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.98	9.90	ug/L	1				
Hexachloroethane	U	ND		1.98	9.90	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.198	0.990	ug/L	1				
Isophorone	U	ND		1.98	9.90	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.98	9.90	ug/L	1				
Naphthalene		1.00		0.297	0.990	ug/L	1				
Nitrobenzene	U	ND		2.97	9.90	ug/L	1				
Pentachlorophenol	U	ND		1.98	9.90	ug/L	1				
Phenanthrene	U	ND		0.198	0.990	ug/L	1				
Phenol	U	ND		0.990	9.90	ug/L	1				
Pyrene	U	ND		0.297	0.990	ug/L	1				
alpha−Terpineol	U	ND		2.97	9.90	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.97	9.90	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.98	9.90	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.98	9.90	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.98	9.90	ug/L	1				
m,p−Cresols	U	ND		2.97	9.90	ug/L	1				
m−Nitroaniline	U	ND		1.98	9.90	ug/L	1				
o−Cresol	U	ND		1.98	9.90	ug/L	1				
o−Nitroaniline	U	ND		1.98	9.90	ug/L	1				
p−Nitroaniline	U	ND		2.97	9.90	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R
Sample ID: 162524010

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	32.6	99.0	33 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.2	49.5	75	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	29.3	99.0	30	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.5	49.5	76	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	19.0	99.0	19	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.0	49.5	73	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011
Matrix: Ground Water
Collect Date: 09−MAY−06 13:30
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Semi−Volatile−GC/MS												
3510/8270C TCL BNA Liquid												
1,1'−Biphenyl	U	ND		3.00	10.0	ug/L	1	RMB	05/12/06	1548	528633	1
1,2,4−Trichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,2−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,3−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
1,4−Dichlorobenzene	U	ND		2.00	10.0	ug/L	1					
2,4,5−Trichlorophenol	U	ND		1.00	10.0	ug/L	1					
2,4,6−Trichlorophenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dichlorophenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dimethylphenol	U	ND		2.00	10.0	ug/L	1					
2,4−Dinitrophenol	U	ND		10.0	20.0	ug/L	1					
2,4−Dinitrotoluene	U	ND		2.00	10.0	ug/L	1					
2,6−Dinitrotoluene	U	ND		2.00	10.0	ug/L	1					
2−Chloronaphthalene	U	ND		0.350	1.00	ug/L	1					
2−Chlorophenol	U	ND		2.00	10.0	ug/L	1					
2−Methyl−4,6−dinitrophenol	U	ND		3.00	10.0	ug/L	1					
2−Methylnaphthalene	J	0.386		0.300	1.00	ug/L	1					
2−Nitrophenol	U	ND		2.00	10.0	ug/L	1					
3,3'−Dichlorobenzidine	U	ND		1.00	10.0	ug/L	1					
4−Bromophenylphenylether	U	ND		2.00	10.0	ug/L	1					
4−Chloro−3−methylphenol	U	ND		2.00	10.0	ug/L	1					
4−Chloroaniline	U	ND		2.00	10.0	ug/L	1					
4−Chlorophenylphenylether	U	ND		2.00	10.0	ug/L	1					
4−Nitrophenol	U	ND		2.00	10.0	ug/L	1					
Acenaphthene		1.63		0.310	1.00	ug/L	1					
Acenaphthylene	U	ND		0.200	1.00	ug/L	1					
Anthracene	U	ND		0.200	1.00	ug/L	1					
Atrazine	U	ND		2.00	10.0	ug/L	1					
Benzaldehyde	U	ND		3.00	10.0	ug/L	1					
Benzo(a)anthracene	U	ND		0.200	1.00	ug/L	1					
Benzo(a)pyrene	U	ND		0.200	1.00	ug/L	1					
Benzo(b)fluoranthene	U	ND		0.200	1.00	ug/L	1					
Benzo(ghi)perylene	U	ND		0.200	1.00	ug/L	1					
Benzo(k)fluoranthene	U	ND		0.200	1.00	ug/L	1					
Butylbenzylphthalate	U	ND		2.00	10.0	ug/L	1					
Carbazole	U	ND		0.200	10.0	ug/L	1					
Chrysene	U	ND		0.200	1.00	ug/L	1					

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.00	10.0	ug/L	1				
Di−n−octylphthalate	U	ND		3.00	10.0	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.200	1.00	ug/L	1				
Dibenzofuran	U	ND		2.00	10.0	ug/L	1				
Diethylphthalate	U	ND		2.00	10.0	ug/L	1				
Dimethylphthalate	U	ND		2.00	10.0	ug/L	1				
Diphenylamine	U	ND		3.00	10.0	ug/L	1				
Fluoranthene	U	ND		0.200	1.00	ug/L	1				
Fluorene	J	0.603		0.200	1.00	ug/L	1				
Hexachlorobenzene	U	ND		2.00	10.0	ug/L	1				
Hexachlorobutadiene	U	ND		2.00	10.0	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.00	10.0	ug/L	1				
Hexachloroethane	U	ND		2.00	10.0	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.200	1.00	ug/L	1				
Isophorone	U	ND		2.00	10.0	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.00	10.0	ug/L	1				
Naphthalene	J	0.728		0.300	1.00	ug/L	1				
Nitrobenzene	U	ND		3.00	10.0	ug/L	1				
Pentachlorophenol	U	ND		2.00	10.0	ug/L	1				
Phenanthrene		1.16		0.200	1.00	ug/L	1				
Phenol	U	ND		1.00	10.0	ug/L	1				
Pyrene	U	ND		0.300	1.00	ug/L	1				
alpha−Terpineol	U	ND		3.00	10.0	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.00	10.0	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.00	10.0	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.00	10.0	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.00	10.0	ug/L	1				
m,p−Cresols	U	ND		3.00	10.0	ug/L	1				
m−Nitroaniline	U	ND		2.00	10.0	ug/L	1				
o−Cresol	U	ND		2.00	10.0	ug/L	1				
o−Nitroaniline	U	ND		2.00	10.0	ug/L	1				
p−Nitroaniline	U	ND		3.00	10.0	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW29R dup
Sample ID: 162524011

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	30.2	100	30 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.7	50.0	73	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	31.2	100	31	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.8	50.0	74	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.4	100	20	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	43.4	50.0	87	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19
Sample ID: 162524012
Matrix: Ground Water
Collect Date: 09−MAY−06 13:25
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	RMB 05/11/06	2054	528633	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1				
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1				
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1				
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1				
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1				
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
Acenaphthene	J	0.331		0.298	0.962	ug/L	1				
Acenaphthylene	U	ND		0.192	0.962	ug/L	1				
Anthracene	U	ND		0.192	0.962	ug/L	1				
Atrazine	U	ND		1.92	9.62	ug/L	1				
Benzaldehyde	U	ND		2.88	9.62	ug/L	1				
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1				
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1				
Carbazole	U	ND		0.192	9.62	ug/L	1				
Chrysene	U	ND		0.192	0.962	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19 Project: SAVL00206
Sample ID: 162524012 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW19 Project: SAVL00206
Sample ID: 162524012 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	60.3	96.2	63	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.6	48.1	76	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	42.2	96.2	44	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.2	48.1	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	27.4	96.2	28	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	30.3	48.1	63	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26
Sample ID: 162524013
Matrix: Ground Water
Collect Date: 09−MAY−06 15:05
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		3.80	12.7	ug/L	1	RMB 05/12/06	1610	528633	1
1,2,4−Trichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,2−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,3−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
1,4−Dichlorobenzene	U	ND		2.53	12.7	ug/L	1				
2,4,5−Trichlorophenol	U	ND		1.27	12.7	ug/L	1				
2,4,6−Trichlorophenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dichlorophenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dimethylphenol	U	ND		2.53	12.7	ug/L	1				
2,4−Dinitrophenol	U	ND		12.7	25.3	ug/L	1				
2,4−Dinitrotoluene	U	ND		2.53	12.7	ug/L	1				
2,6−Dinitrotoluene	U	ND		2.53	12.7	ug/L	1				
2−Chloronaphthalene	U	ND		0.443	1.27	ug/L	1				
2−Chlorophenol	U	ND		2.53	12.7	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		3.80	12.7	ug/L	1				
2−Methylnaphthalene	U	ND		0.380	1.27	ug/L	1				
2−Nitrophenol	U	ND		2.53	12.7	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		1.27	12.7	ug/L	1				
4−Bromophenylphenylether	U	ND		2.53	12.7	ug/L	1				
4−Chloro−3−methylphenol	U	ND		2.53	12.7	ug/L	1				
4−Chloroaniline	U	ND		2.53	12.7	ug/L	1				
4−Chlorophenylphenylether	U	ND		2.53	12.7	ug/L	1				
4−Nitrophenol	U	ND		2.53	12.7	ug/L	1				
Acenaphthene	U	ND		0.392	1.27	ug/L	1				
Acenaphthylene	U	ND		0.253	1.27	ug/L	1				
Anthracene	U	ND		0.253	1.27	ug/L	1				
Atrazine	U	ND		2.53	12.7	ug/L	1				
Benzaldehyde	U	ND		3.80	12.7	ug/L	1				
Benzo(a)anthracene	U	ND		0.253	1.27	ug/L	1				
Benzo(a)pyrene	U	ND		0.253	1.27	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.253	1.27	ug/L	1				
Benzo(ghi)perylene	U	ND		0.253	1.27	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.253	1.27	ug/L	1				
Butylbenzylphthalate	U	ND		2.53	12.7	ug/L	1				
Carbazole	U	ND		0.253	12.7	ug/L	1				
Chrysene	U	ND		0.253	1.27	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26 Project: SAVL00206
Sample ID: 162524013 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		2.53	12.7	ug/L	1				
Di−n−octylphthalate	U	ND		3.80	12.7	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.253	1.27	ug/L	1				
Dibenzofuran	U	ND		2.53	12.7	ug/L	1				
Diethylphthalate	U	ND		2.53	12.7	ug/L	1				
Dimethylphthalate	U	ND		2.53	12.7	ug/L	1				
Diphenylamine	U	ND		3.80	12.7	ug/L	1				
Fluoranthene	U	ND		0.253	1.27	ug/L	1				
Fluorene	U	ND		0.253	1.27	ug/L	1				
Hexachlorobenzene	U	ND		2.53	12.7	ug/L	1				
Hexachlorobutadiene	U	ND		2.53	12.7	ug/L	1				
Hexachlorocyclopentadiene	U	ND		2.53	12.7	ug/L	1				
Hexachloroethane	U	ND		2.53	12.7	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.253	1.27	ug/L	1				
Isophorone	U	ND		2.53	12.7	ug/L	1				
N−Nitrosodipropylamine	U	ND		2.53	12.7	ug/L	1				
Naphthalene	U	ND		0.380	1.27	ug/L	1				
Nitrobenzene	U	ND		3.80	12.7	ug/L	1				
Pentachlorophenol	U	ND		2.53	12.7	ug/L	1				
Phenanthrene	U	ND		0.253	1.27	ug/L	1				
Phenol	U	ND		1.27	12.7	ug/L	1				
Pyrene	U	ND		0.380	1.27	ug/L	1				
alpha−Terpineol	U	ND		3.80	12.7	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		3.80	12.7	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		2.53	12.7	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		2.53	12.7	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		2.53	12.7	ug/L	1				
m,p−Cresols	U	ND		3.80	12.7	ug/L	1				
m−Nitroaniline	U	ND		2.53	12.7	ug/L	1				
o−Cresol	U	ND		2.53	12.7	ug/L	1				
o−Nitroaniline	U	ND		2.53	12.7	ug/L	1				
p−Nitroaniline	U	ND		3.80	12.7	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	PXB2	05/11/06	1127	528632

The following Analytical Methods were performed

Method	Description	Analyst Comments

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW26 Project: SAVL00206
Sample ID: 162524013 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	42.1	127	33 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	43.1	63.3	68	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	48.4	127	38	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	44.6	63.3	70	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	34.1	127	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	48.2	63.3	76	(50%−131%)

QC Summary

Report Date: May 17, 2006

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162524**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528633										
QC1201089736 LCS										
1,2,4-Trichlorobenzene	50.0			39.7	ug/L		79	(43%-90%)	RMB	05/12/06 11:45
1,4-Dichlorobenzene	50.0			36.2	ug/L		73	(38%-90%)		
2,4-Dinitrotoluene	50.0			48.2	ug/L		96	(52%-117%)		
2-Chlorophenol	100			68.3	ug/L		68	(54%-90%)		
4-Chloro-3-methylphenol	100			71.3	ug/L		71	(59%-107%)		
4-Nitrophenol	100			43.1	ug/L		43	(16%-54%)		
Acenaphthene	50.0			46.9	ug/L		94	(56%-108%)		
N-Nitrosodipropylamine	50.0			37.2	ug/L		75	(54%-106%)		
Pentachlorophenol	100			74.0	ug/L		74	(40%-115%)		
Phenol	100			30.5	ug/L		31	(22%-50%)		
Pyrene	50.0			49.1	ug/L		98	(51%-117%)		
**2,4,6-Tribromophenol	100			92.0	ug/L		92	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.4	ug/L		79	(51%-102%)		
**2-Fluorophenol	100			48.8	ug/L		49	(20%-67%)		
**Nitrobenzene-d5	50.0			37.4	ug/L		75	(49%-108%)		
**Phenol-d5	100			32.2	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			46.3	ug/L		93	(50%-131%)		
QC1201090102 LCSD										
1,2,4-Trichlorobenzene	50.0			39.6	ug/L		79*	(0%-20%)		05/11/06 16:26
1,4-Dichlorobenzene	50.0			36.2	ug/L		72*	(0%-22%)		
2,4-Dinitrotoluene	50.0			47.8	ug/L		96*	(0%-16%)		
2-Chlorophenol	100			66.3	ug/L		66*	(0%-16%)		
4-Chloro-3-methylphenol	100			72.5	ug/L		73*	(0%-15%)		
4-Nitrophenol	100			40.4	ug/L		40*	(0%-21%)		
Acenaphthene	50.0			45.6	ug/L		91*	(0%-18%)		
N-Nitrosodipropylamine	50.0			37.5	ug/L		75*	(0%-16%)		
Pentachlorophenol	100			70.0	ug/L		70*	(0%-18%)		
Phenol	100			30.1	ug/L		30*	(0%-18%)		
Pyrene	50.0			48.7	ug/L		98*	(0%-21%)		
**2,4,6-Tribromophenol	100			81.1	ug/L		81	(40%-115%)		
**2-Fluorobiphenyl	50.0			39.8	ug/L		80	(51%-102%)		
**2-Fluorophenol	100			47.7	ug/L		48	(20%-67%)		
**Nitrobenzene-d5	50.0			37.8	ug/L		76	(49%-108%)		
**Phenol-d5	100			31.9	ug/L		32	(10%-53%)		
**p-Terphenyl-d14	50.0			43.5	ug/L		87	(50%-131%)		
QC1201089735 MB										
1,1'-Biphenyl			U	ND	ug/L					05/12/06 11:23
1,2,4-Trichlorobenzene			U	ND	ug/L					
1,2-Dichlorobenzene			U	ND	ug/L					
1,3-Dichlorobenzene			U	ND	ug/L					
1,4-Dichlorobenzene			U	ND	ug/L					
2,4,5-Trichlorophenol			U	ND	ug/L					
2,4,6-Trichlorophenol			U	ND	ug/L					

QC Summary

Workorder: **162524**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528633											
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L				RMB	05/12/06	11:23
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						
Naphthalene			U	ND	ug/L						
Nitrobenzene			U	ND	ug/L						
Pentachlorophenol			U	ND	ug/L						

QC Summary

Workorder: 162524

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatile-GC/MS										
Batch 528633										
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L				RMB	05/12/06 11:23
Pyrene			U	ND	ug/L					
alpha-Terpineol			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Chloroisopropyl)ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			67.1	ug/L		67	(40%-115%)		
**2-Fluorobiphenyl	50.0			37.5	ug/L		75	(51%-102%)		
**2-Fluorophenol	100			44.0	ug/L		44	(20%-67%)		
**Nitrobenzene-d5	50.0			36.8	ug/L		74	(49%-108%)		
**Phenol-d5	100			28.3	ug/L		28	(10%-53%)		
**p-Terphenyl-d14	50.0			43.8	ug/L		88	(50%-131%)		

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GENERAL ENGINEERING LABORATORIES, LLC

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Certificate of Analysis Report
for

SAVL001 Savannah Labs, Inc. (P06-0277)

Client SDG: 162524-1 GEL Work Order: 162526

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, David Setzer.

_____
Reviewed by

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27
Sample ID: 162526001
Matrix: Ground Water
Collect Date: 09−MAY−06 14:56
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1037	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27 Project: SAVL00206
Sample ID: 162526001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW27 Project: SAVL00206
Sample ID: 162526001 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	1.06	95.2	1 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.4	47.6	79	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	0.455	95.2	0 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	38.2	47.6	80	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	1.14	95.2	1 *	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	32.6	47.6	68	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22
Sample ID: 162526002
Matrix: Ground Water
Collect Date: 09−MAY−06 09:44
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.88	9.62	ug/L	1	JMB3 05/11/06	1058	528631	1
1,2,4−Trichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.92	9.62	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.962	9.62	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dichlorophenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dimethylphenol	U	ND		1.92	9.62	ug/L	1				
2,4−Dinitrophenol	U	ND		9.62	19.2	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.92	9.62	ug/L	1				
2−Chloronaphthalene	U	ND		0.337	0.962	ug/L	1				
2−Chlorophenol	U	ND		1.92	9.62	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.88	9.62	ug/L	1				
2−Methylnaphthalene	U	ND		0.288	0.962	ug/L	1				
2−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.962	9.62	ug/L	1				
4−Bromophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.92	9.62	ug/L	1				
4−Chloroaniline	U	ND		1.92	9.62	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.92	9.62	ug/L	1				
4−Nitrophenol	U	ND		1.92	9.62	ug/L	1				
Acenaphthene	U	ND		0.298	0.962	ug/L	1				
Acenaphthylene	U	ND		0.192	0.962	ug/L	1				
Anthracene	U	ND		0.192	0.962	ug/L	1				
Atrazine	U	ND		1.92	9.62	ug/L	1				
Benzaldehyde	U	ND		2.88	9.62	ug/L	1				
Benzo(a)anthracene	U	ND		0.192	0.962	ug/L	1				
Benzo(a)pyrene	U	ND		0.192	0.962	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Benzo(ghi)perylene	U	ND		0.192	0.962	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.192	0.962	ug/L	1				
Butylbenzylphthalate	U	ND		1.92	9.62	ug/L	1				
Carbazole	U	ND		0.192	9.62	ug/L	1				
Chrysene	U	ND		0.192	0.962	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22 Project: SAVL00206
Sample ID: 162526002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.92	9.62	ug/L	1				
Di−n−octylphthalate	U	ND		2.88	9.62	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.192	0.962	ug/L	1				
Dibenzofuran	U	ND		1.92	9.62	ug/L	1				
Diethylphthalate	U	ND		1.92	9.62	ug/L	1				
Dimethylphthalate	U	ND		1.92	9.62	ug/L	1				
Diphenylamine	U	ND		2.88	9.62	ug/L	1				
Fluoranthene	U	ND		0.192	0.962	ug/L	1				
Fluorene	U	ND		0.192	0.962	ug/L	1				
Hexachlorobenzene	U	ND		1.92	9.62	ug/L	1				
Hexachlorobutadiene	U	ND		1.92	9.62	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.92	9.62	ug/L	1				
Hexachloroethane	U	ND		1.92	9.62	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.192	0.962	ug/L	1				
Isophorone	U	ND		1.92	9.62	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.92	9.62	ug/L	1				
Naphthalene	U	ND		0.288	0.962	ug/L	1				
Nitrobenzene	U	ND		2.88	9.62	ug/L	1				
Pentachlorophenol	U	ND		1.92	9.62	ug/L	1				
Phenanthrene	U	ND		0.192	0.962	ug/L	1				
Phenol	U	ND		0.962	9.62	ug/L	1				
Pyrene	U	ND		0.288	0.962	ug/L	1				
alpha−Terpineol	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.88	9.62	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.92	9.62	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.92	9.62	ug/L	1				
m,p−Cresols	U	ND		2.88	9.62	ug/L	1				
m−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
o−Cresol	U	ND		1.92	9.62	ug/L	1				
o−Nitroaniline	U	ND		1.92	9.62	ug/L	1				
p−Nitroaniline	U	ND		2.88	9.62	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 − (843) 556−8171 − www.gel.com

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW22 Project: SAVL00206
Sample ID: 162526002 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	41.8	96.2	43	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.3	48.1	71	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	21.3	96.2	22	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	34.7	48.1	72	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	14.0	96.2	15	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	31.1	48.1	65	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23
Sample ID: 162526003
Matrix: Ground Water
Collect Date: 09−MAY−06 10:47
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1120	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23 Project: SAVL00206
Sample ID: 162526003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW23 Project: SAVL00206
Sample ID: 162526003 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	19.4	95.2	20 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.5	47.6	79	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	23.6	95.2	25	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	37.9	47.6	80	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	16.0	95.2	17	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.3	47.6	72	(50%−131%)

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24
Sample ID: 162526004
Matrix: Ground Water
Collect Date: 09−MAY−06 13:42
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1141	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24 Project: SAVL00206
Sample ID: 162526004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW24 Project: SAVL00206
Sample ID: 162526004 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	51.2	95.2	54	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.7	47.6	77	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	33.3	95.2	35	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	36.7	47.6	77	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.2	95.2	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	36.3	47.6	76	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14
Sample ID: 162526005
Matrix: Ground Water
Collect Date: 09−MAY−06 14:20
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1202	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14 Project: SAVL00206
Sample ID: 162526005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW14 Project: SAVL00206
Sample ID: 162526005 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	83.1	95.2	87	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	37.9	47.6	80	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	43.2	95.2	45	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	39.9	47.6	84	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	25.8	95.2	27	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	34.9	47.6	73	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15
Sample ID: 162526006
Matrix: Ground Water
Collect Date: 09−MAY−06 14:45
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1223	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15 Project: SAVL00206
Sample ID: 162526006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Company : Savannah Laboratories, Inc.
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Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW15 Project: SAVL00206
Sample ID: 162526006 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	46.2	95.2	48	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	36.2	47.6	76	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	32.2	95.2	34	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.7	47.6	75	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	20.1	95.2	21	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	33.7	47.6	71	(50%−131%)

Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16
Sample ID: 162526007
Matrix: Ground Water
Collect Date: 09−MAY−06 15:08
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1245	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16 Project: SAVL00206
Sample ID: 162526007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW16 Project: SAVL00206
Sample ID: 162526007 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	23.9	95.2	25 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	28.4	47.6	60	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	15.0	95.2	16 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	31.2	47.6	65	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	13.7	95.2	14	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	27.1	47.6	57	(50%−131%)

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Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17
Sample ID: 162526008
Matrix: Ground Water
Collect Date: 09−MAY−06 15:35
Receive Date: 09−MAY−06
Collector: Client

Project: SAVL00206
Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
1,1'−Biphenyl	U	ND		2.86	9.52	ug/L	1	JMB3 05/11/06	1307	528631	1
1,2,4−Trichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,2−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,3−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
1,4−Dichlorobenzene	U	ND		1.90	9.52	ug/L	1				
2,4,5−Trichlorophenol	U	ND		0.952	9.52	ug/L	1				
2,4,6−Trichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dichlorophenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dimethylphenol	U	ND		1.90	9.52	ug/L	1				
2,4−Dinitrophenol	U	ND		9.52	19.0	ug/L	1				
2,4−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2,6−Dinitrotoluene	U	ND		1.90	9.52	ug/L	1				
2−Chloronaphthalene	U	ND		0.333	0.952	ug/L	1				
2−Chlorophenol	U	ND		1.90	9.52	ug/L	1				
2−Methyl−4,6−dinitrophenol	U	ND		2.86	9.52	ug/L	1				
2−Methylnaphthalene	U	ND		0.286	0.952	ug/L	1				
2−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
3,3'−Dichlorobenzidine	U	ND		0.952	9.52	ug/L	1				
4−Bromophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Chloro−3−methylphenol	U	ND		1.90	9.52	ug/L	1				
4−Chloroaniline	U	ND		1.90	9.52	ug/L	1				
4−Chlorophenylphenylether	U	ND		1.90	9.52	ug/L	1				
4−Nitrophenol	U	ND		1.90	9.52	ug/L	1				
Acenaphthene	U	ND		0.295	0.952	ug/L	1				
Acenaphthylene	U	ND		0.190	0.952	ug/L	1				
Anthracene	U	ND		0.190	0.952	ug/L	1				
Atrazine	U	ND		1.90	9.52	ug/L	1				
Benzaldehyde	U	ND		2.86	9.52	ug/L	1				
Benzo(a)anthracene	U	ND		0.190	0.952	ug/L	1				
Benzo(a)pyrene	U	ND		0.190	0.952	ug/L	1				
Benzo(b)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Benzo(ghi)perylene	U	ND		0.190	0.952	ug/L	1				
Benzo(k)fluoranthene	U	ND		0.190	0.952	ug/L	1				
Butylbenzylphthalate	U	ND		1.90	9.52	ug/L	1				
Carbazole	U	ND		0.190	9.52	ug/L	1				
Chrysene	U	ND		0.190	0.952	ug/L	1				

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Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17 Project: SAVL00206
Sample ID: 162526008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Semi−Volatile−GC/MS											
3510/8270C TCL BNA Liquid											
Di−n−butylphthalate	U	ND		1.90	9.52	ug/L	1				
Di−n−octylphthalate	U	ND		2.86	9.52	ug/L	1				
Dibenzo(a,h)anthracene	U	ND		0.190	0.952	ug/L	1				
Dibenzofuran	U	ND		1.90	9.52	ug/L	1				
Diethylphthalate	U	ND		1.90	9.52	ug/L	1				
Dimethylphthalate	U	ND		1.90	9.52	ug/L	1				
Diphenylamine	U	ND		2.86	9.52	ug/L	1				
Fluoranthene	U	ND		0.190	0.952	ug/L	1				
Fluorene	U	ND		0.190	0.952	ug/L	1				
Hexachlorobenzene	U	ND		1.90	9.52	ug/L	1				
Hexachlorobutadiene	U	ND		1.90	9.52	ug/L	1				
Hexachlorocyclopentadiene	U	ND		1.90	9.52	ug/L	1				
Hexachloroethane	U	ND		1.90	9.52	ug/L	1				
Indeno(1,2,3−cd)pyrene	U	ND		0.190	0.952	ug/L	1				
Isophorone	U	ND		1.90	9.52	ug/L	1				
N−Nitrosodipropylamine	U	ND		1.90	9.52	ug/L	1				
Naphthalene	U	ND		0.286	0.952	ug/L	1				
Nitrobenzene	U	ND		2.86	9.52	ug/L	1				
Pentachlorophenol	U	ND		1.90	9.52	ug/L	1				
Phenanthrene	U	ND		0.190	0.952	ug/L	1				
Phenol	U	ND		0.952	9.52	ug/L	1				
Pyrene	U	ND		0.286	0.952	ug/L	1				
alpha−Terpineol	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethoxy)methane	U	ND		2.86	9.52	ug/L	1				
bis(2−Chloroethyl) ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Chloroisopropyl)ether	U	ND		1.90	9.52	ug/L	1				
bis(2−Ethylhexyl)phthalate	U	ND		1.90	9.52	ug/L	1				
m,p−Cresols	U	ND		2.86	9.52	ug/L	1				
m−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
o−Cresol	U	ND		1.90	9.52	ug/L	1				
o−Nitroaniline	U	ND		1.90	9.52	ug/L	1				
p−Nitroaniline	U	ND		2.86	9.52	ug/L	1				

The following Prep Methods were performed

Method	Description	Analyst	Date	Time	Prep Batch
SW846 3510C	3510C BNA Liq. Prep−8270C Analysis	SJW1	05/10/06	1714	528629

The following Analytical Methods were performed

Method	Description	Analyst Comments

GENERAL ENGINEERING LABORATORIES, LLC
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Certificate of Analysis

Company : Savannah Laboratories, Inc.
Address : PO Box 546
Savannah, Georgia 31402

Report Date: May 17, 2006

Contact: Paul Grimm
Project: **Chicora Tank Farm**

Client Sample ID: MW17 Project: SAVL00206
Sample ID: 162526008 Client ID: SAVL001

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	SW846 8270C	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
2,4,6−Tribromophenol	3510/8270C TCL BNA Liquid	2.75	95.2	3 *	(40%−115%)
2−Fluorobiphenyl	3510/8270C TCL BNA Liquid	34.2	47.6	72	(51%−102%)
2−Fluorophenol	3510/8270C TCL BNA Liquid	1.01	95.2	1 *	(20%−67%)
Nitrobenzene−d5	3510/8270C TCL BNA Liquid	35.9	47.6	75	(49%−108%)
Phenol−d5	3510/8270C TCL BNA Liquid	1.12	95.2	1 *	(10%−53%)
p−Terphenyl−d14	3510/8270C TCL BNA Liquid	31.4	47.6	66	(50%−131%)

QC Summary

Report Date: May 17, 2006
Page 1 of 4

Savannah Laboratories, Inc.
PO Box 546
Savannah, Georgia

Contact: **Paul Grimm**

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatile-GC/MS											
Batch 528631											
QC1201090086 LCSD											
1,2,4-Trichlorobenzene	50.0			37.7	ug/L	4	75	(0%-20%)	JMB3	05/11/06	10:15
1,4-Dichlorobenzene	50.0			32.0	ug/L	2	64	(0%-22%)			
2,4-Dinitrotoluene	50.0			47.9	ug/L	3	96	(0%-16%)			
2-Chlorophenol	100			72.6	ug/L	8	73	(0%-16%)			
4-Chloro-3-methylphenol	100			80.7	ug/L	2	81	(0%-15%)			
4-Nitrophenol	100			51.7	ug/L	6	52	(0%-21%)			
Acenaphthene	50.0			45.6	ug/L	2	91	(0%-18%)			
N-Nitrosodipropylamine	50.0			44.2	ug/L	8	89	(0%-16%)			
Pentachlorophenol	100			81.2	ug/L	3	81	(0%-18%)			
Phenol	100			34.8	ug/L	9	35	(0%-18%)			
Pyrene	50.0			40.4	ug/L	0	81	(0%-21%)			
**2,4,6-Tribromophenol	100			89.6	ug/L		90	(40%-115%)			
**2-Fluorobiphenyl	50.0			41.4	ug/L		83	(51%-102%)			
**2-Fluorophenol	100			56.0	ug/L		56	(20%-67%)			
**Nitrobenzene-d5	50.0			40.8	ug/L		82	(49%-108%)			
**Phenol-d5	100			36.7	ug/L		37	(10%-53%)			
**p-Terphenyl-d14	50.0			39.6	ug/L		79	(50%-131%)			
Semi-Volatiles-GC/MS											
Batch 528631											
QC1201089732 LCS											
1,2,4-Trichlorobenzene	50.0			36.1	ug/L		72	(43%-90%)	JMB3	05/11/06	09:54
1,4-Dichlorobenzene	50.0			31.4	ug/L		63	(38%-90%)			
2,4-Dinitrotoluene	50.0			46.8	ug/L		94	(52%-117%)			
2-Chlorophenol	100			66.9	ug/L		67	(54%-90%)			
4-Chloro-3-methylphenol	100			82.5	ug/L		83	(59%-107%)			
4-Nitrophenol	100			48.5	ug/L		49	(16%-54%)			
Acenaphthene	50.0			44.6	ug/L		89	(56%-108%)			
N-Nitrosodipropylamine	50.0			40.8	ug/L		82	(54%-106%)			
Pentachlorophenol	100			78.5	ug/L		79	(40%-115%)			
Phenol	100			31.9	ug/L		32	(22%-50%)			
Pyrene	50.0			40.4	ug/L		81	(51%-117%)			
**2,4,6-Tribromophenol	100			88.3	ug/L		88	(40%-115%)			
**2-Fluorobiphenyl	50.0			39.9	ug/L		80	(51%-102%)			
**2-Fluorophenol	100			50.2	ug/L		50	(20%-67%)			
**Nitrobenzene-d5	50.0			38.7	ug/L		77	(49%-108%)			
**Phenol-d5	100			34.3	ug/L		34	(10%-53%)			
**p-Terphenyl-d14	50.0			37.9	ug/L		76	(50%-131%)			
QC1201089731 MB											
1,1'-Biphenyl			U	ND	ug/L					05/11/06	09:33
1,2,4-Trichlorobenzene			U	ND	ug/L						
1,2-Dichlorobenzene			U	ND	ug/L						
1,3-Dichlorobenzene			U	ND	ug/L						

QC Summary

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Semi-Volatiles-GC/MS											
Batch 528631											
1,4-Dichlorobenzene			U	ND	ug/L						
2,4,5-Trichlorophenol			U	ND	ug/L				JMB3	05/11/06	09:33
2,4,6-Trichlorophenol			U	ND	ug/L						
2,4-Dichlorophenol			U	ND	ug/L						
2,4-Dimethylphenol			U	ND	ug/L						
2,4-Dinitrophenol			U	ND	ug/L						
2,4-Dinitrotoluene			U	ND	ug/L						
2,6-Dinitrotoluene			U	ND	ug/L						
2-Chloronaphthalene			U	ND	ug/L						
2-Chlorophenol			U	ND	ug/L						
2-Methyl-4,6-dinitrophenol			U	ND	ug/L						
2-Methylnaphthalene			U	ND	ug/L						
2-Nitrophenol			U	ND	ug/L						
3,3'-Dichlorobenzidine			U	ND	ug/L						
4-Bromophenylphenylether			U	ND	ug/L						
4-Chloro-3-methylphenol			U	ND	ug/L						
4-Chloroaniline			U	ND	ug/L						
4-Chlorophenylphenylether			U	ND	ug/L						
4-Nitrophenol			U	ND	ug/L						
Acenaphthene			U	ND	ug/L						
Acenaphthylene			U	ND	ug/L						
Anthracene			U	ND	ug/L						
Atrazine			U	ND	ug/L						
Benzaldehyde			U	ND	ug/L						
Benzo(a)anthracene			U	ND	ug/L						
Benzo(a)pyrene			U	ND	ug/L						
Benzo(b)fluoranthene			U	ND	ug/L						
Benzo(ghi)perylene			U	ND	ug/L						
Benzo(k)fluoranthene			U	ND	ug/L						
Butylbenzylphthalate			U	ND	ug/L						
Carbazole			U	ND	ug/L						
Chrysene			U	ND	ug/L						
Di-n-butylphthalate			U	ND	ug/L						
Di-n-octylphthalate			U	ND	ug/L						
Dibenzo(a,h)anthracene			U	ND	ug/L						
Dibenzofuran			U	ND	ug/L						
Diethylphthalate			U	ND	ug/L						
Dimethylphthalate			U	ND	ug/L						
Diphenylamine			U	ND	ug/L						
Fluoranthene			U	ND	ug/L						
Fluorene			U	ND	ug/L						
Hexachlorobenzene			U	ND	ug/L						
Hexachlorobutadiene			U	ND	ug/L						
Hexachlorocyclopentadiene			U	ND	ug/L						
Hexachloroethane			U	ND	ug/L						
Indeno(1,2,3-cd)pyrene			U	ND	ug/L						
Isophorone			U	ND	ug/L						
N-Nitrosodipropylamine			U	ND	ug/L						

QC Summary

Workorder: **162526**

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Semi-Volatiles-GC/MS										
Batch 528631										
Naphthalene			U	ND	ug/L					
Nitrobenzene			U	ND	ug/L				JMB3	05/11/06 09:33
Pentachlorophenol			U	ND	ug/L					
Phenanthrene			U	ND	ug/L					
Phenol			U	ND	ug/L					
Pyrene			U	ND	ug/L					
alpha-Terpineol			U	ND	ug/L					
bis(2-Chloroethoxy)methane			U	ND	ug/L					
bis(2-Chloroethyl) ether			U	ND	ug/L					
bis(2-Chloroisopropyl)ether			U	ND	ug/L					
bis(2-Ethylhexyl)phthalate			U	ND	ug/L					
m,p-Cresols			U	ND	ug/L					
m-Nitroaniline			U	ND	ug/L					
o-Cresol			U	ND	ug/L					
o-Nitroaniline			U	ND	ug/L					
p-Nitroaniline			U	ND	ug/L					
**2,4,6-Tribromophenol	100			71.7	ug/L		72	(40%-115%)		
**2-Fluorobiphenyl	50.0			37.0	ug/L		74	(51%-102%)		
**2-Fluorophenol	100			46.1	ug/L		46	(20%-67%)		
**Nitrobenzene-d5	50.0			38.4	ug/L		77	(49%-108%)		
**Phenol-d5	100			28.9	ug/L		29	(10%-53%)		
**p-Terphenyl-d14	50.0			37.7	ug/L		75	(50%-131%)		

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.
- J Indicates an estimated value.
- P The response between the confirmation and the primary columns is >40% Different.
- R Sample results are rejected.
- U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
- X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
- Y QC Samples were not spiked with this compound.
- d The 2:1 depletion requirement was not met for this sample
- h Sample preparation or preservation holding time exceeded.

QC Summary

Workorder: 162526

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

2008 RESULTS

Pace Analytical Services, Inc.
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(704)875-9092

August 22, 2008

Mr. James Weeg
ADVENT ENVIRONMENTAL
498 Wando Park Blvd
Mount Pleasant, SC 29464

RE: Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Dear Mr. Weeg:
Enclosed are the analytical results for sample(s) received by the laboratory on August 07, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Renee Spencer

Renee Spencer for
Bonnie McKee
bonnie.mckee@pacelabs.com
Project Manager

Enclosures

cc: Larry Fowler, ADVENT ENVIRONMENTAL

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CERTIFICATIONS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Charlotte Certification IDs

Connecticut Certification Number: PH-0104
Pennsylvania Certification Number: 68-00784
West Virginia Certification Number: 357
Virginia Certification Number: 00213
Tennessee Certification Number: 04010
South Carolina Bioassay Certification Number: 990060003
South Carolina Certification Number: 990060001
North Carolina Field Services Certification Number: 5342
North Carolina Wastewater Certification Number: 12
North Carolina Drinking Water Certification Number: 37706
Louisiana/LELAP Certification Number: 04034
Kentucky UST Certification Number: 84
New Jersey Certification Number: NC012
Florida/NELAP Certification Number: E87627

Asheville Certification IDs

Connecticut Certification Number: PH-0106
Massachusetts Certification Number: M-NC030
West Virginia Certification Number: 356
Virginia Certification Number: 00072
Tennessee Certification Number: 2980
South Carolina Bioassay Certification Number: 99030002
South Carolina Certification Number: 99030001
Pennsylvania Certification Number: 68-03578
North Carolina Bioassay Certification Number: 9
North Carolina Wastewater Certification Number: 40
North Carolina Drinking Water Certification Number: 37712
New Jersey Certification Number: NC011
Louisiana/LELAP Certification Number: 03095
Florida/NELAP Certification Number: E87648

Eden Certification IDs

Virginia Drinking Water Certification Number: 00424
North Carolina Wastewater Certification Number: 633
North Carolina Drinking Water Certification Number: 37738

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SAMPLE SUMMARY

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9225014001	**MW-02**	Water	08/06/08 12:30	08/07/08 09:45
9225014002	**MW-03**	Water	08/06/08 11:15	08/07/08 09:45
9225014003	**MW-04**	Water	08/06/08 10:15	08/07/08 09:45
9225014004	**MW-05**	Water	08/06/08 13:30	08/07/08 09:45
9225014005	**MW-15**	Water	08/06/08 13:20	08/07/08 09:45
9225014006	**MW-16**	Water	08/06/08 12:30	08/07/08 09:45
9225014007	**MW-17**	Water	08/06/08 11:45	08/07/08 09:45
9225014008	**MW-27**	Water	08/06/08 10:40	08/07/08 09:45
9225014009	**MW-28**	Water	08/06/08 08:50	08/07/08 09:45
9225014010	**MW-29R**	Water	08/06/08 09:50	08/07/08 09:45
9225014011	**MW-34R**	Water	08/06/08 14:20	08/07/08 09:45
9225014012	**MW-35**	Water	08/06/08 09:25	08/07/08 09:45

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SAMPLE ANALYTE COUNT

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9225014001	**MW-02**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014002	**MW-03**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014003	**MW-04**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014004	**MW-05**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014005	**MW-15**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014006	**MW-16**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014007	**MW-17**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014008	**MW-27**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014009	**MW-28**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014010	**MW-29R**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225014011	**MW-34R**	EPA 8011	CAH	2
		EPA 8260	MCK	10
		EPA 8270	BET	21
9225014012	**MW-35**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-02 **Lab ID: 9225014001** Collected: 08/06/08 12:30 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/13/08 00:00	08/16/08 11:14	106-93-4	
1-Chloro-2-bromopropane (S)	81	%	60-140		1	08/13/08 00:00	08/16/08 11:14	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.2	0.54	1	08/09/08 00:00	08/20/08 20:49	83-32-9	
Acenaphthylene	ND	ug/L	11.2	0.52	1	08/09/08 00:00	08/20/08 20:49	208-96-8	
Anthracene	ND	ug/L	11.2	0.72	1	08/09/08 00:00	08/20/08 20:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.2	0.80	1	08/09/08 00:00	08/20/08 20:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.2	0.70	1	08/09/08 00:00	08/20/08 20:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.2	0.64	1	08/09/08 00:00	08/20/08 20:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.2	0.76	1	08/09/08 00:00	08/20/08 20:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.2	0.74	1	08/09/08 00:00	08/20/08 20:49	207-08-9	
Chrysene	ND	ug/L	11.2	0.79	1	08/09/08 00:00	08/20/08 20:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.2	0.64	1	08/09/08 00:00	08/20/08 20:49	53-70-3	
Fluoranthene	ND	ug/L	11.2	0.81	1	08/09/08 00:00	08/20/08 20:49	206-44-0	
Fluorene	ND	ug/L	11.2	0.72	1	08/09/08 00:00	08/20/08 20:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.2	0.65	1	08/09/08 00:00	08/20/08 20:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.2	11.2	1	08/09/08 00:00	08/20/08 20:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.2	0.35	1	08/09/08 00:00	08/20/08 20:49	91-57-6	
Naphthalene	ND	ug/L	11.2	0.48	1	08/09/08 00:00	08/20/08 20:49	91-20-3	
Phenanthrene	ND	ug/L	11.2	0.76	1	08/09/08 00:00	08/20/08 20:49	85-01-8	
Pyrene	ND	ug/L	11.2	0.74	1	08/09/08 00:00	08/20/08 20:49	129-00-0	
Nitrobenzene-d5 (S)	2	%	10-120		1	08/09/08 00:00	08/20/08 20:49	4165-60-0	1g
2-Fluorobiphenyl (S)	18	%	10-120		1	08/09/08 00:00	08/20/08 20:49	321-60-8	
Terphenyl-d14 (S)	23	%	10-116		1	08/09/08 00:00	08/20/08 20:49	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/11/08 22:42	71-43-2	
Ethylbenzene	**0.90J**	ug/L	1.0	0.30	1		08/11/08 22:42	100-41-4	
Methyl-tert-butyl ether	**0.43J**	ug/L	1.0	0.21	1		08/11/08 22:42	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/11/08 22:42	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/11/08 22:42	1330-20-7	
o-Xylene	**0.29J**	ug/L	1.0	0.23	1		08/11/08 22:42	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/11/08 22:42	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		08/11/08 22:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		08/11/08 22:42	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/11/08 22:42	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-03 **Lab ID: 9225014002** Collected: 08/06/08 11:15 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/13/08 00:00	08/16/08 11:26	106-93-4	
1-Chloro-2-bromopropane (S)	98	%	60-140		1	08/13/08 00:00	08/16/08 11:26	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.4	0.55	1	08/09/08 00:00	08/20/08 21:09	83-32-9	
Acenaphthylene	ND	ug/L	11.4	0.52	1	08/09/08 00:00	08/20/08 21:09	208-96-8	
Anthracene	ND	ug/L	11.4	0.73	1	08/09/08 00:00	08/20/08 21:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.4	0.81	1	08/09/08 00:00	08/20/08 21:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.4	0.70	1	08/09/08 00:00	08/20/08 21:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.4	0.65	1	08/09/08 00:00	08/20/08 21:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.4	0.77	1	08/09/08 00:00	08/20/08 21:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.4	0.75	1	08/09/08 00:00	08/20/08 21:09	207-08-9	
Chrysene	ND	ug/L	11.4	0.80	1	08/09/08 00:00	08/20/08 21:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.4	0.65	1	08/09/08 00:00	08/20/08 21:09	53-70-3	
Fluoranthene	ND	ug/L	11.4	0.82	1	08/09/08 00:00	08/20/08 21:09	206-44-0	
Fluorene	ND	ug/L	11.4	0.73	1	08/09/08 00:00	08/20/08 21:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.4	0.66	1	08/09/08 00:00	08/20/08 21:09	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.4	11.4	1	08/09/08 00:00	08/20/08 21:09	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.4	0.35	1	08/09/08 00:00	08/20/08 21:09	91-57-6	
Naphthalene	ND	ug/L	11.4	0.49	1	08/09/08 00:00	08/20/08 21:09	91-20-3	
Phenanthrene	ND	ug/L	11.4	0.77	1	08/09/08 00:00	08/20/08 21:09	85-01-8	
Pyrene	ND	ug/L	11.4	0.75	1	08/09/08 00:00	08/20/08 21:09	129-00-0	
Nitrobenzene-d5 (S)	24	%	10-120		1	08/09/08 00:00	08/20/08 21:09	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-120		1	08/09/08 00:00	08/20/08 21:09	321-60-8	
Terphenyl-d14 (S)	61	%	10-116		1	08/09/08 00:00	08/20/08 21:09	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/11/08 23:06	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/11/08 23:06	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/11/08 23:06	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/11/08 23:06	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/11/08 23:06	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/11/08 23:06	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/11/08 23:06	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/11/08 23:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/11/08 23:06	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/11/08 23:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-04 **Lab ID: 9225014003** Collected: 08/06/08 10:15 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/13/08 00:00	08/16/08 11:38	106-93-4	
1-Chloro-2-bromopropane (S)	95	%	60-140		1	08/13/08 00:00	08/16/08 11:38	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/09/08 00:00	08/20/08 21:30	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/09/08 00:00	08/20/08 21:30	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 21:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/09/08 00:00	08/20/08 21:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/09/08 00:00	08/20/08 21:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 21:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 21:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 21:30	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/09/08 00:00	08/20/08 21:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 21:30	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/09/08 00:00	08/20/08 21:30	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 21:30	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/09/08 00:00	08/20/08 21:30	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/09/08 00:00	08/20/08 21:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/09/08 00:00	08/20/08 21:30	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/09/08 00:00	08/20/08 21:30	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 21:30	85-01-8	
Pyrene	**1.2J**	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 21:30	129-00-0	
Nitrobenzene-d5 (S)	32	%	10-120		1	08/09/08 00:00	08/20/08 21:30	4165-60-0	
2-Fluorobiphenyl (S)	51	%	10-120		1	08/09/08 00:00	08/20/08 21:30	321-60-8	
Terphenyl-d14 (S)	80	%	10-116		1	08/09/08 00:00	08/20/08 21:30	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/11/08 23:30	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/11/08 23:30	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/11/08 23:30	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/11/08 23:30	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/11/08 23:30	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/11/08 23:30	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/11/08 23:30	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/11/08 23:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/11/08 23:30	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/11/08 23:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-05 **Lab ID: 9225014004** Collected: 08/06/08 13:30 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/13/08 00:00	08/16/08 11:50	106-93-4	
1-Chloro-2-bromopropane (S)	96	%	60-140		1	08/13/08 00:00	08/16/08 11:50	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/09/08 00:00	08/20/08 21:51	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/09/08 00:00	08/20/08 21:51	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 21:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/09/08 00:00	08/20/08 21:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/09/08 00:00	08/20/08 21:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 21:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 21:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 21:51	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/09/08 00:00	08/20/08 21:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 21:51	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/09/08 00:00	08/20/08 21:51	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 21:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/09/08 00:00	08/20/08 21:51	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/09/08 00:00	08/20/08 21:51	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/09/08 00:00	08/20/08 21:51	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/09/08 00:00	08/20/08 21:51	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 21:51	85-01-8	
Pyrene	ND	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 21:51	129-00-0	
Nitrobenzene-d5 (S)	37	%	10-120		1	08/09/08 00:00	08/20/08 21:51	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-120		1	08/09/08 00:00	08/20/08 21:51	321-60-8	
Terphenyl-d14 (S)	83	%	10-116		1	08/09/08 00:00	08/20/08 21:51	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/11/08 23:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/11/08 23:54	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/11/08 23:54	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/11/08 23:54	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/11/08 23:54	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/11/08 23:54	95-47-6	
4-Bromofluorobenzene (S)	97	%	87-109		1		08/11/08 23:54	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/11/08 23:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/11/08 23:54	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/11/08 23:54	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-15 **Lab ID: 9225014005** Collected: 08/06/08 13:20 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/13/08 00:00	08/16/08 12:02	106-93-4	
1-Chloro-2-bromopropane (S)	96	%	60-140		1	08/13/08 00:00	08/16/08 12:02	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	12.5	0.60	1	08/09/08 00:00	08/20/08 22:12	83-32-9	
Acenaphthylene	ND	ug/L	12.5	0.58	1	08/09/08 00:00	08/20/08 22:12	208-96-8	
Anthracene	ND	ug/L	12.5	0.80	1	08/09/08 00:00	08/20/08 22:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	12.5	0.89	1	08/09/08 00:00	08/20/08 22:12	56-55-3	
Benzo(a)pyrene	ND	ug/L	12.5	0.78	1	08/09/08 00:00	08/20/08 22:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	12.5	0.71	1	08/09/08 00:00	08/20/08 22:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	12.5	0.85	1	08/09/08 00:00	08/20/08 22:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	12.5	0.82	1	08/09/08 00:00	08/20/08 22:12	207-08-9	
Chrysene	ND	ug/L	12.5	0.88	1	08/09/08 00:00	08/20/08 22:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	12.5	0.71	1	08/09/08 00:00	08/20/08 22:12	53-70-3	
Fluoranthene	ND	ug/L	12.5	0.90	1	08/09/08 00:00	08/20/08 22:12	206-44-0	
Fluorene	ND	ug/L	12.5	0.80	1	08/09/08 00:00	08/20/08 22:12	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	12.5	0.72	1	08/09/08 00:00	08/20/08 22:12	193-39-5	
1-Methylnaphthalene	ND	ug/L	12.5	12.5	1	08/09/08 00:00	08/20/08 22:12	90-12-0	
2-Methylnaphthalene	ND	ug/L	12.5	0.39	1	08/09/08 00:00	08/20/08 22:12	91-57-6	
Naphthalene	ND	ug/L	12.5	0.54	1	08/09/08 00:00	08/20/08 22:12	91-20-3	
Phenanthrene	ND	ug/L	12.5	0.85	1	08/09/08 00:00	08/20/08 22:12	85-01-8	
Pyrene	ND	ug/L	12.5	0.82	1	08/09/08 00:00	08/20/08 22:12	129-00-0	
Nitrobenzene-d5 (S)	62	%	10-120		1	08/09/08 00:00	08/20/08 22:12	4165-60-0	
2-Fluorobiphenyl (S)	70	%	10-120		1	08/09/08 00:00	08/20/08 22:12	321-60-8	
Terphenyl-d14 (S)	93	%	10-116		1	08/09/08 00:00	08/20/08 22:12	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 00:17	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 00:17	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 00:17	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 00:17	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 00:17	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 00:17	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 00:17	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 00:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 00:17	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 00:17	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-16 **Lab ID: 9225014006** Collected: 08/06/08 12:30 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 01:48	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/18/08 01:48	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.6	0.56	1	08/09/08 00:00	08/20/08 22:32	83-32-9	
Acenaphthylene	ND	ug/L	11.6	0.53	1	08/09/08 00:00	08/20/08 22:32	208-96-8	
Anthracene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 22:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.6	0.83	1	08/09/08 00:00	08/20/08 22:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	0.72	1	08/09/08 00:00	08/20/08 22:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 22:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 22:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 22:32	207-08-9	
Chrysene	ND	ug/L	11.6	0.81	1	08/09/08 00:00	08/20/08 22:32	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 22:32	53-70-3	
Fluoranthene	ND	ug/L	11.6	0.84	1	08/09/08 00:00	08/20/08 22:32	206-44-0	
Fluorene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 22:32	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	0.67	1	08/09/08 00:00	08/20/08 22:32	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.6	11.6	1	08/09/08 00:00	08/20/08 22:32	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.6	0.36	1	08/09/08 00:00	08/20/08 22:32	91-57-6	
Naphthalene	ND	ug/L	11.6	0.50	1	08/09/08 00:00	08/20/08 22:32	91-20-3	
Phenanthrene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 22:32	85-01-8	
Pyrene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 22:32	129-00-0	
Nitrobenzene-d5 (S)	36	%	10-120		1	08/09/08 00:00	08/20/08 22:32	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-120		1	08/09/08 00:00	08/20/08 22:32	321-60-8	
Terphenyl-d14 (S)	75	%	10-116		1	08/09/08 00:00	08/20/08 22:32	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**1.4**	ug/L	1.0	0.25	1		08/12/08 00:41	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 00:41	100-41-4	
Methyl-tert-butyl ether	**2.5**	ug/L	1.0	0.21	1		08/12/08 00:41	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 00:41	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 00:41	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 00:41	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		08/12/08 00:41	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		08/12/08 00:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		08/12/08 00:41	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		08/12/08 00:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-17 **Lab ID: 9225014007** Collected: 08/06/08 11:45 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 02:24	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/18/08 02:24	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.6	0.56	1	08/09/08 00:00	08/20/08 22:53	83-32-9	
Acenaphthylene	ND	ug/L	11.6	0.53	1	08/09/08 00:00	08/20/08 22:53	208-96-8	
Anthracene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 22:53	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.6	0.83	1	08/09/08 00:00	08/20/08 22:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	0.72	1	08/09/08 00:00	08/20/08 22:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 22:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 22:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 22:53	207-08-9	
Chrysene	ND	ug/L	11.6	0.81	1	08/09/08 00:00	08/20/08 22:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 22:53	53-70-3	
Fluoranthene	ND	ug/L	11.6	0.84	1	08/09/08 00:00	08/20/08 22:53	206-44-0	
Fluorene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 22:53	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	0.67	1	08/09/08 00:00	08/20/08 22:53	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.6	11.6	1	08/09/08 00:00	08/20/08 22:53	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.6	0.36	1	08/09/08 00:00	08/20/08 22:53	91-57-6	
Naphthalene	ND	ug/L	11.6	0.50	1	08/09/08 00:00	08/20/08 22:53	91-20-3	
Phenanthrene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 22:53	85-01-8	
Pyrene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 22:53	129-00-0	
Nitrobenzene-d5 (S)	54	%	10-120		1	08/09/08 00:00	08/20/08 22:53	4165-60-0	
2-Fluorobiphenyl (S)	80	%	10-120		1	08/09/08 00:00	08/20/08 22:53	321-60-8	
Terphenyl-d14 (S)	151	%	10-116		1	08/09/08 00:00	08/20/08 22:53	1718-51-0	1g
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**1.7**	ug/L	1.0	0.25	1		08/12/08 01:05	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 01:05	100-41-4	
Methyl-tert-butyl ether	**2.2**	ug/L	1.0	0.21	1		08/12/08 01:05	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 01:05	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 01:05	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 01:05	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 01:05	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		08/12/08 01:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 01:05	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 01:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-27 **Lab ID: 9225014008** Collected: 08/06/08 10:40 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 02:48	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/18/08 02:48	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/09/08 00:00	08/20/08 23:14	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/09/08 00:00	08/20/08 23:14	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 23:14	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/09/08 00:00	08/20/08 23:14	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/09/08 00:00	08/20/08 23:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 23:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 23:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 23:14	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/09/08 00:00	08/20/08 23:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/09/08 00:00	08/20/08 23:14	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/09/08 00:00	08/20/08 23:14	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/09/08 00:00	08/20/08 23:14	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/09/08 00:00	08/20/08 23:14	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/09/08 00:00	08/20/08 23:14	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/09/08 00:00	08/20/08 23:14	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/09/08 00:00	08/20/08 23:14	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/09/08 00:00	08/20/08 23:14	85-01-8	
Pyrene	ND	ug/L	11.1	0.73	1	08/09/08 00:00	08/20/08 23:14	129-00-0	
Nitrobenzene-d5 (S)	47	%	10-120		1	08/09/08 00:00	08/20/08 23:14	4165-60-0	
2-Fluorobiphenyl (S)	54	%	10-120		1	08/09/08 00:00	08/20/08 23:14	321-60-8	
Terphenyl-d14 (S)	80	%	10-116		1	08/09/08 00:00	08/20/08 23:14	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 01:28	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 01:28	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 01:28	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 01:28	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 01:28	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 01:28	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 01:28	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 01:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 01:28	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 01:28	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-28 **Lab ID: 9225014009** Collected: 08/06/08 08:50 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 03:00	106-93-4	
1-Chloro-2-bromopropane (S)	85	%	60-140		1	08/17/08 00:00	08/18/08 03:00	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.6	0.56	1	08/09/08 00:00	08/20/08 23:34	83-32-9	
Acenaphthylene	ND	ug/L	11.6	0.53	1	08/09/08 00:00	08/20/08 23:34	208-96-8	
Anthracene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 23:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.6	0.83	1	08/09/08 00:00	08/20/08 23:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.6	0.72	1	08/09/08 00:00	08/20/08 23:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 23:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 23:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 23:34	207-08-9	
Chrysene	ND	ug/L	11.6	0.81	1	08/09/08 00:00	08/20/08 23:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.6	0.66	1	08/09/08 00:00	08/20/08 23:34	53-70-3	
Fluoranthene	ND	ug/L	11.6	0.84	1	08/09/08 00:00	08/20/08 23:34	206-44-0	
Fluorene	ND	ug/L	11.6	0.74	1	08/09/08 00:00	08/20/08 23:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.6	0.67	1	08/09/08 00:00	08/20/08 23:34	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.6	11.6	1	08/09/08 00:00	08/20/08 23:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.6	0.36	1	08/09/08 00:00	08/20/08 23:34	91-57-6	
Naphthalene	ND	ug/L	11.6	0.50	1	08/09/08 00:00	08/20/08 23:34	91-20-3	
Phenanthrene	ND	ug/L	11.6	0.79	1	08/09/08 00:00	08/20/08 23:34	85-01-8	
Pyrene	ND	ug/L	11.6	0.77	1	08/09/08 00:00	08/20/08 23:34	129-00-0	
Nitrobenzene-d5 (S)	56	%	10-120		1	08/09/08 00:00	08/20/08 23:34	4165-60-0	
2-Fluorobiphenyl (S)	65	%	10-120		1	08/09/08 00:00	08/20/08 23:34	321-60-8	
Terphenyl-d14 (S)	93	%	10-116		1	08/09/08 00:00	08/20/08 23:34	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 01:52	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 01:52	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 01:52	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 01:52	108-88-3	
m&p-Xylene	**4.1**	ug/L	2.0	0.66	1		08/12/08 01:52	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 01:52	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 01:52	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 01:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 01:52	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 01:52	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-29R **Lab ID: 9225014010** Collected: 08/06/08 09:50 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 03:12	106-93-4	
1-Chloro-2-bromopropane (S)	81	%	60-140		1	08/17/08 00:00	08/18/08 03:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	12.8	0.62	1	08/09/08 00:00	08/20/08 23:55	83-32-9	
Acenaphthylene	ND	ug/L	12.8	0.59	1	08/09/08 00:00	08/20/08 23:55	208-96-8	
Anthracene	ND	ug/L	12.8	0.82	1	08/09/08 00:00	08/20/08 23:55	120-12-7	
Benzo(a)anthracene	ND	ug/L	12.8	0.91	1	08/09/08 00:00	08/20/08 23:55	56-55-3	
Benzo(a)pyrene	ND	ug/L	12.8	0.79	1	08/09/08 00:00	08/20/08 23:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	12.8	0.73	1	08/09/08 00:00	08/20/08 23:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	12.8	0.87	1	08/09/08 00:00	08/20/08 23:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	12.8	0.85	1	08/09/08 00:00	08/20/08 23:55	207-08-9	
Chrysene	ND	ug/L	12.8	0.90	1	08/09/08 00:00	08/20/08 23:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	12.8	0.73	1	08/09/08 00:00	08/20/08 23:55	53-70-3	
Fluoranthene	ND	ug/L	12.8	0.92	1	08/09/08 00:00	08/20/08 23:55	206-44-0	
Fluorene	ND	ug/L	12.8	0.82	1	08/09/08 00:00	08/20/08 23:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	12.8	0.74	1	08/09/08 00:00	08/20/08 23:55	193-39-5	
1-Methylnaphthalene	ND	ug/L	12.8	12.8	1	08/09/08 00:00	08/20/08 23:55	90-12-0	
2-Methylnaphthalene	ND	ug/L	12.8	0.40	1	08/09/08 00:00	08/20/08 23:55	91-57-6	
Naphthalene	ND	ug/L	12.8	0.55	1	08/09/08 00:00	08/20/08 23:55	91-20-3	
Phenanthrene	ND	ug/L	12.8	0.87	1	08/09/08 00:00	08/20/08 23:55	85-01-8	
Pyrene	ND	ug/L	12.8	0.85	1	08/09/08 00:00	08/20/08 23:55	129-00-0	
Nitrobenzene-d5 (S)	44	%	10-120		1	08/09/08 00:00	08/20/08 23:55	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-120		1	08/09/08 00:00	08/20/08 23:55	321-60-8	
Terphenyl-d14 (S)	64	%	10-116		1	08/09/08 00:00	08/20/08 23:55	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 02:16	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 02:16	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 02:16	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 02:16	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 02:16	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 02:16	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 02:16	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 02:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120		1		08/12/08 02:16	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 02:16	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-34R **Lab ID: 9225014011** Collected: 08/06/08 14:20 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 03:24	106-93-4	
1-Chloro-2-bromopropane (S)	89	%	60-140		1	08/17/08 00:00	08/18/08 03:24	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.2	0.54	1	08/09/08 00:00	08/21/08 00:16	83-32-9	
Acenaphthylene	ND	ug/L	11.2	0.52	1	08/09/08 00:00	08/21/08 00:16	208-96-8	
Anthracene	ND	ug/L	11.2	0.72	1	08/09/08 00:00	08/21/08 00:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.2	0.80	1	08/09/08 00:00	08/21/08 00:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.2	0.70	1	08/09/08 00:00	08/21/08 00:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.2	0.64	1	08/09/08 00:00	08/21/08 00:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.2	0.76	1	08/09/08 00:00	08/21/08 00:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.2	0.74	1	08/09/08 00:00	08/21/08 00:16	207-08-9	
Chrysene	ND	ug/L	11.2	0.79	1	08/09/08 00:00	08/21/08 00:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.2	0.64	1	08/09/08 00:00	08/21/08 00:16	53-70-3	
Fluoranthene	**1.4J**	ug/L	11.2	0.81	1	08/09/08 00:00	08/21/08 00:16	206-44-0	
Fluorene	ND	ug/L	11.2	0.72	1	08/09/08 00:00	08/21/08 00:16	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.2	0.65	1	08/09/08 00:00	08/21/08 00:16	193-39-5	
1-Methylnaphthalene	**53.7**	ug/L	11.2	11.2	1	08/09/08 00:00	08/21/08 00:16	90-12-0	
2-Methylnaphthalene	**43.2**	ug/L	11.2	0.35	1	08/09/08 00:00	08/21/08 00:16	91-57-6	
Naphthalene	**51.4**	ug/L	11.2	0.48	1	08/09/08 00:00	08/21/08 00:16	91-20-3	
Phenanthrene	**8.7J**	ug/L	11.2	0.76	1	08/09/08 00:00	08/21/08 00:16	85-01-8	
Pyrene	**1.8J**	ug/L	11.2	0.74	1	08/09/08 00:00	08/21/08 00:16	129-00-0	
Nitrobenzene-d5 (S)	48	%	10-120		1	08/09/08 00:00	08/21/08 00:16	4165-60-0	
2-Fluorobiphenyl (S)	65	%	10-120		1	08/09/08 00:00	08/21/08 00:16	321-60-8	
Terphenyl-d14 (S)	112	%	10-116		1	08/09/08 00:00	08/21/08 00:16	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**1.4**	ug/L	1.0	0.25	1		08/13/08 21:01	71-43-2	
Ethylbenzene	**11.1**	ug/L	1.0	0.30	1		08/13/08 21:01	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/13/08 21:01	1634-04-4	
Toluene	**0.31J**	ug/L	1.0	0.26	1		08/13/08 21:01	108-88-3	
m&p-Xylene	**14.8**	ug/L	2.0	0.66	1		08/13/08 21:01	1330-20-7	
o-Xylene	**0.27J**	ug/L	1.0	0.23	1		08/13/08 21:01	95-47-6	
4-Bromofluorobenzene (S)	104	%	87-109		1		08/13/08 21:01	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/13/08 21:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/08 21:01	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/08 21:01	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

Sample: MW-35 **Lab ID: 9225014012** Collected: 08/06/08 09:25 Received: 08/07/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 17:12	106-93-4	
1-Chloro-2-bromopropane (S)	88	%	60-140		1	08/17/08 00:00	08/18/08 17:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.4	0.55	1	08/13/08 00:00	08/22/08 03:04	83-32-9	
Acenaphthylene	ND	ug/L	11.4	0.52	1	08/13/08 00:00	08/22/08 03:04	208-96-8	
Anthracene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 03:04	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.4	0.81	1	08/13/08 00:00	08/22/08 03:04	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.4	0.70	1	08/13/08 00:00	08/22/08 03:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 03:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 03:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 03:04	207-08-9	
Chrysene	ND	ug/L	11.4	0.80	1	08/13/08 00:00	08/22/08 03:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 03:04	53-70-3	
Fluoranthene	ND	ug/L	11.4	0.82	1	08/13/08 00:00	08/22/08 03:04	206-44-0	
Fluorene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 03:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.4	0.66	1	08/13/08 00:00	08/22/08 03:04	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.4	11.4	1	08/13/08 00:00	08/22/08 03:04	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.4	0.35	1	08/13/08 00:00	08/22/08 03:04	91-57-6	
Naphthalene	ND	ug/L	11.4	0.49	1	08/13/08 00:00	08/22/08 03:04	91-20-3	
Phenanthrene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 03:04	85-01-8	
Pyrene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 03:04	129-00-0	
Nitrobenzene-d5 (S)	33	%	10-120		1	08/13/08 00:00	08/22/08 03:04	4165-60-0	
2-Fluorobiphenyl (S)	39	%	10-120		1	08/13/08 00:00	08/22/08 03:04	321-60-8	
Terphenyl-d14 (S)	50	%	10-116		1	08/13/08 00:00	08/22/08 03:04	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 05:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 05:50	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 05:50	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 05:50	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 05:50	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 05:50	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 05:50	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 05:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 05:50	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		08/12/08 05:50	2037-26-5	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: OEXT/4041 | Analysis Method: EPA 8270
QC Batch Method: EPA 3535 | Analysis Description: 8270 Water PAH MSSV
Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005, 9225014006, 9225014007, 9225014008, 9225014009, 9225014010, 9225014011

METHOD BLANK: 151606

Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005, 9225014006, 9225014007, 9225014008, 9225014009, 9225014010, 9225014011

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	
2-Methylnaphthalene	ug/L	ND	10.0	
Acenaphthene	ug/L	ND	10.0	
Acenaphthylene	ug/L	ND	10.0	
Anthracene	ug/L	ND	10.0	
Benzo(a)anthracene	ug/L	ND	10.0	
Benzo(a)pyrene	ug/L	ND	10.0	
Benzo(b)fluoranthene	ug/L	ND	10.0	
Benzo(g,h,i)perylene	ug/L	ND	10.0	
Benzo(k)fluoranthene	ug/L	ND	10.0	
Chrysene	ug/L	ND	10.0	
Dibenz(a,h)anthracene	ug/L	ND	10.0	
Fluoranthene	ug/L	ND	10.0	
Fluorene	ug/L	ND	10.0	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	
Naphthalene	ug/L	ND	10.0	
Phenanthrene	ug/L	ND	10.0	
Pyrene	ug/L	ND	10.0	
2-Fluorobiphenyl (S)	%	50	10-120	
Nitrobenzene-d5 (S)	%	10	10-120	
Terphenyl-d14 (S)	%	57	10-116	

LABORATORY CONTROL SAMPLE: 151607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	29.6	59	29-108	
2-Methylnaphthalene	ug/L	50	28.7	57	30-104	
Acenaphthene	ug/L	50	23.4	47	39-109	
Acenaphthylene	ug/L	50	25.1	50	41-109	
Anthracene	ug/L	50	27.1	54	45-114	
Benzo(a)anthracene	ug/L	50	24.1	48	45-109	
Benzo(a)pyrene	ug/L	50	23.4	47	47-117	
Benzo(b)fluoranthene	ug/L	50	20.8	42	32-113	
Benzo(g,h,i)perylene	ug/L	50	25.3	51	10-149	
Benzo(k)fluoranthene	ug/L	50	23.8	48	41-104	
Chrysene	ug/L	50	25.3	51	35-116	
Dibenz(a,h)anthracene	ug/L	50	24.6	49	13-139	
Fluoranthene	ug/L	50	27.6	55	43-110	
Fluorene	ug/L	50	22.8	46	40-111	
Indeno(1,2,3-cd)pyrene	ug/L	50	25.1	50	17-135	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

LABORATORY CONTROL SAMPLE: 151607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	19.4	39	26-120	
Phenanthrene	ug/L	50	28.9	58	45-110	
Pyrene	ug/L	50	22.6	45	38-114	
2-Fluorobiphenyl (S)	%			43	10-120	
Nitrobenzene-d5 (S)	%			29	10-120	
Terphenyl-d14 (S)	%			49	10-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 151608 151609

Parameter	Units	9224728001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	104	104	84.9	41.1	82	39	29-108	70	30	R1
2-Methylnaphthalene	ug/L	ND	104	104	72.0	38.1	69	37	30-104	62	30	R1
Acenaphthene	ug/L	ND	104	104	67.7	43.4	65	42	17-104	44	30	R1
Acenaphthylene	ug/L	ND	104	104	67.2	45.2	64	43	10-200	39	30	R1
Anthracene	ug/L	ND	104	104	73.7	66.1	71	63	10-150	11	30	
Benzo(a)anthracene	ug/L	ND	104	104	63.7	48.4	61	46	10-172	27	30	
Benzo(a)pyrene	ug/L	ND	104	104	58.8	47.4	56	45	10-173	22	30	
Benzo(b)fluoranthene	ug/L	ND	104	104	43.4	40.0	42	38	10-200	8	30	
Benzo(g,h,i)perylene	ug/L	ND	104	104	47.6	46.0	46	44	10-120	4	30	
Benzo(k)fluoranthene	ug/L	ND	104	104	148	76.3	142	73	10-145	64	30	R1
Chrysene	ug/L	ND	104	104	64.5	53.3	62	51	10-146	19	30	
Dibenz(a,h)anthracene	ug/L	ND	104	104	54.5	48.3	52	46	10-120	12	30	
Fluoranthene	ug/L	ND	104	104	73.0	57.7	70	55	20-120	23	30	
Fluorene	ug/L	ND	104	104	63.1	49.7	61	48	10-109	24	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	104	104	45.6	41.5	44	40	11-120	9	30	
Naphthalene	ug/L	ND	104	104	58.7	18.5J	56	18	10-120		30	
Phenanthrene	ug/L	ND	104	104	75.0	58.4	72	56	10-145	25	30	
Pyrene	ug/L	ND	104	104	76.6	57.0	74	55	13-114	29	30	
2-Fluorobiphenyl (S)	%						61	35	10-120			
Nitrobenzene-d5 (S)	%						45	5	10-120			1g
Terphenyl-d14 (S)	%						67	53	10-116			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: MSV/4248 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005, 9225014006, 9225014007, 9225014008, 9225014009, 9225014010

METHOD BLANK: 151859

Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005, 9225014006, 9225014007, 9225014008, 9225014009, 9225014010

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	98	79-120	
4-Bromofluorobenzene (S)	%	97	87-109	
Dibromofluoromethane (S)	%	96	85-115	
Toluene-d8 (S)	%	99	70-120	

LABORATORY CONTROL SAMPLE: 151860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	51.6	103	78-128	
Ethylbenzene	ug/L	50	52.3	105	80-127	
m&p-Xylene	ug/L	100	99.3	99	82-127	
Methyl-tert-butyl ether	ug/L	50	45.4	91	71-130	
o-Xylene	ug/L	50	51.6	103	83-124	
Toluene	ug/L	50	50.3	101	76-126	
1,2-Dichloroethane-d4 (S)	%			102	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			99	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 151923 151924

Parameter	Units	9225014009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	51.7	50.3	103	101	74-136	3	30	
Toluene	ug/L	ND	50	50	50.3	48.2	101	96	73-131	4	30	
1,2-Dichloroethane-d4 (S)	%						102	102	79-120			
4-Bromofluorobenzene (S)	%						100	99	87-109			
Dibromofluoromethane (S)	%						97	98	85-115			
Toluene-d8 (S)	%						98	98	70-120			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: MSV/4249
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9225014011, 9225014012

METHOD BLANK: 151867
Associated Lab Samples: 9225014011, 9225014012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	102	79-120	
4-Bromofluorobenzene (S)	%	99	87-109	
Dibromofluoromethane (S)	%	99	85-115	
Toluene-d8 (S)	%	98	70-120	

LABORATORY CONTROL SAMPLE: 151868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.0	98	78-128	
Ethylbenzene	ug/L	50	49.7	99	80-127	
m&p-Xylene	ug/L	100	93.1	93	82-127	
Methyl-tert-butyl ether	ug/L	50	48.7	97	71-130	
o-Xylene	ug/L	50	49.2	98	83-124	
Toluene	ug/L	50	47.6	95	76-126	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			101	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			99	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 151933 151934

Parameter	Units	9225079001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	55.3	53.1	110	105	74-136	4	30	
Toluene	ug/L	ND	50	50	53.1	50.9	106	102	73-131	4	30	
1,2-Dichloroethane-d4 (S)	%						99	99	79-120			
4-Bromofluorobenzene (S)	%						100	99	87-109			
Dibromofluoromethane (S)	%						96	97	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: OEXT/4072
QC Batch Method: EPA 3535
Analysis Method: EPA 8270
Analysis Description: 8270 Water PAH MSSV
Associated Lab Samples: 9225014012

METHOD BLANK: 152537
Associated Lab Samples: 9225014012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	
2-Methylnaphthalene	ug/L	ND	10.0	
Acenaphthene	ug/L	ND	10.0	
Acenaphthylene	ug/L	ND	10.0	
Anthracene	ug/L	ND	10.0	
Benzo(a)anthracene	ug/L	ND	10.0	
Benzo(a)pyrene	ug/L	ND	10.0	
Benzo(b)fluoranthene	ug/L	ND	10.0	
Benzo(g,h,i)perylene	ug/L	ND	10.0	
Benzo(k)fluoranthene	ug/L	ND	10.0	
Chrysene	ug/L	ND	10.0	
Dibenz(a,h)anthracene	ug/L	ND	10.0	
Fluoranthene	ug/L	ND	10.0	
Fluorene	ug/L	ND	10.0	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	
Naphthalene	ug/L	ND	10.0	
Phenanthrene	ug/L	ND	10.0	
Pyrene	ug/L	ND	10.0	
2-Fluorobiphenyl (S)	%	26	10-120	
Nitrobenzene-d5 (S)	%	6	10-120	2g
Terphenyl-d14 (S)	%	65	10-116	

LABORATORY CONTROL SAMPLE: 152538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	41.9	84	29-108	
2-Methylnaphthalene	ug/L	50	39.3	79	30-104	
Acenaphthene	ug/L	50	33.4	67	39-109	
Acenaphthylene	ug/L	50	35.1	70	41-109	
Anthracene	ug/L	50	35.8	72	45-114	
Benzo(a)anthracene	ug/L	50	31.9	64	45-109	
Benzo(a)pyrene	ug/L	50	34.2	68	47-117	
Benzo(b)fluoranthene	ug/L	50	26.3	53	32-113	
Benzo(g,h,i)perylene	ug/L	50	27.9	56	10-149	
Benzo(k)fluoranthene	ug/L	50	34.4	69	41-104	
Chrysene	ug/L	50	35.5	71	35-116	
Dibenz(a,h)anthracene	ug/L	50	28.3	57	13-139	
Fluoranthene	ug/L	50	34.5	69	43-110	
Fluorene	ug/L	50	33.0	66	40-111	
Indeno(1,2,3-cd)pyrene	ug/L	50	29.0	58	17-135	
Naphthalene	ug/L	50	28.0	56	26-120	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

LABORATORY CONTROL SAMPLE: 152538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	50	41.3	83	45-110	
Pyrene	ug/L	50	30.7	61	38-114	
2-Fluorobiphenyl (S)	%			61	10-120	
Nitrobenzene-d5 (S)	%			40	10-120	
Terphenyl-d14 (S)	%			68	10-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 152539 152540

Parameter	Units	9225114007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	100	100	56.3	59.5	56	60	29-108	6	30	
2-Methylnaphthalene	ug/L	ND	100	100	74.0	82.4	74	82	30-104	11	30	
Acenaphthene	ug/L	ND	100	100	52.7	55.8	53	56	17-104	6	30	
Acenaphthylene	ug/L	ND	100	100	55.3	62.5	55	62	10-200	12	30	
Anthracene	ug/L	ND	100	100	63.0	60.4	63	60	10-150	4	30	
Benzo(a)anthracene	ug/L	ND	100	100	56.9	60.3	57	60	10-172	6	30	
Benzo(a)pyrene	ug/L	ND	100	100	55.1	53.9	55	54	10-173	2	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	50.7	52.5	51	52	10-200	3	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	49.3	54.9	49	55	10-120	11	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	60.8	55.4	61	55	10-145	9	30	
Chrysene	ug/L	ND	100	100	54.7	61.4	55	61	10-146	12	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	54.0	59.3	54	59	10-120	9	30	
Fluoranthene	ug/L	ND	100	100	70.0	70.0	70	70	20-120	.03	30	
Fluorene	ug/L	ND	100	100	59.0	66.8	59	67	10-109	12	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	53.2	57.9	53	58	11-120	9	30	
Naphthalene	ug/L	ND	100	100	45.4	53.8	45	54	10-120	17	30	
Phenanthrene	ug/L	ND	100	100	54.5	59.4	54	59	10-145	9	30	
Pyrene	ug/L	ND	100	100	57.0	57.5	57	58	13-114	.9	30	
2-Fluorobiphenyl (S)	%						50	51	10-120			
Nitrobenzene-d5 (S)	%						46	50	10-120			
Terphenyl-d14 (S)	%						59	63	10-116			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: OEXT/4077 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005

METHOD BLANK: 152605
Associated Lab Samples: 9225014001, 9225014002, 9225014003, 9225014004, 9225014005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	
1-Chloro-2-bromopropane (S)	%	107	60-140	

LABORATORY CONTROL SAMPLE & LCSD: 152606 152607

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.29	0.30	0.30	106	104	60-140	2	20	
1-Chloro-2-bromopropane (S)	%				104	102	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 152608 152609

Parameter	Units	9225004001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.29	.29	0.25	0.25	86	88	60-140	2	20	
1-Chloro-2-bromopropane (S)	%						83	85	60-140			

SAMPLE DUPLICATE: 152610

Parameter	Units	9225004002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND	0	20	
1-Chloro-2-bromopropane (S)	%		90	.4		

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: OEXT/4113 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 9225014006, 9225014007, 9225014008, 9225014009, 9225014010, 9225014011

METHOD BLANK: 154743
Associated Lab Samples: 9225014006, 9225014007, 9225014008, 9225014009, 9225014010, 9225014011

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	
1-Chloro-2-bromopropane (S)	%	90	60-140	

LABORATORY CONTROL SAMPLE & LCSD: 154744 154745

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.29	0.32	0.29	112	100	60-140	11	20	
1-Chloro-2-bromopropane (S)	%				95	89	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 154746 154747

Parameter	Units	9225014006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.29	.29	0.22	0.21	78	72	60-140	8	20	
1-Chloro-2-bromopropane (S)	%						81	78	60-140			

SAMPLE DUPLICATE: 154748

Parameter	Units	9225014007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND	0	20	
1-Chloro-2-bromopropane (S)	%		85	2		

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

QC Batch: OEXT/4114
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 9225014012

METHOD BLANK: 154749
Associated Lab Samples: 9225014012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	
1-Chloro-2-bromopropane (S)	%	96	60-140	

LABORATORY CONTROL SAMPLE & LCSD: 154750 154751

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.29	0.29	0.30	102	106	60-140	4	20	
1-Chloro-2-bromopropane (S)	%				90	91	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 154752 154753

Parameter	Units	9225014012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.29	.29	0.25	0.25	88	86	60-140	2	20	
1-Chloro-2-bromopropane (S)	%						91	90	60-140			

SAMPLE DUPLICATE: 154754

Parameter	Units	9225079001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND	0	20	
1-Chloro-2-bromopropane (S)	%		85	15		

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QUALIFIERS

Project: CHICORA TANK FARM/08-538
Pace Project No.: 9225014

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1g	Base/neutral surrogate recovery is outside of control limits. The data was accepted based on valid recovery of the two remaining base/neutral surrogates.
2g	Base/neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of the 2 remaining base/neutral surrogates.
R1	RPD value was outside control limits.

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August 22, 2008

Mr. James Weeg
ADVENT ENVIRONMENTAL
498 Wando Park Blvd
Mount Pleasant, SC 29464

RE: Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Dear Mr. Weeg:
Enclosed are the analytical results for sample(s) received by the laboratory on August 08, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Renee Spencer

Renee Spencer for
Bonnie McKee
bonnie.mckee@pacelabs.com
Project Manager

Enclosures

cc: Larry Fowler, ADVENT ENVIRONMENTAL

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CERTIFICATIONS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Charlotte Certification IDs

Connecticut Certification Number: PH-0104
Pennsylvania Certification Number: 68-00784
West Virginia Certification Number: 357
Virginia Certification Number: 00213
Tennessee Certification Number: 04010
South Carolina Bioassay Certification Number: 990060003
South Carolina Certification Number: 990060001
North Carolina Field Services Certification Number: 5342
North Carolina Wastewater Certification Number: 12
North Carolina Drinking Water Certification Number: 37706
Louisiana/LELAP Certification Number: 04034
Kentucky UST Certification Number: 84
New Jersey Certification Number: NC012
Florida/NELAP Certification Number: E87627

Asheville Certification IDs

Connecticut Certification Number: PH-0106
Massachusetts Certification Number: M-NC030
West Virginia Certification Number: 356
Virginia Certification Number: 00072
Tennessee Certification Number: 2980
South Carolina Bioassay Certification Number: 99030002
South Carolina Certification Number: 99030001
Pennsylvania Certification Number: 68-03578
North Carolina Bioassay Certification Number: 9
North Carolina Wastewater Certification Number: 40
North Carolina Drinking Water Certification Number: 37712
New Jersey Certification Number: NC011
Louisiana/LELAP Certification Number: 03095
Florida/NELAP Certification Number: E87648

Eden Certification IDs

Virginia Drinking Water Certification Number: 00424
North Carolina Wastewater Certification Number: 633
North Carolina Drinking Water Certification Number: 37738

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SAMPLE SUMMARY

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9225114001	**MW-8**	Water	08/07/08 13:50	08/08/08 09:45
9225114002	**MW-9**	Water	08/07/08 12:05	08/08/08 09:45
9225114003	**MW-10**	Water	08/07/08 10:55	08/08/08 09:45
9225114004	**MW-11**	Water	08/07/08 12:30	08/08/08 09:45
9225114005	**MW-14**	Water	08/07/08 08:55	08/08/08 09:45
9225114006	**MW-19**	Water	08/07/08 10:05	08/08/08 09:45
9225114007	**MW-20**	Water	08/07/08 13:10	08/08/08 09:45
9225114008	**MW-23**	Water	08/07/08 12:55	08/08/08 09:45
9225114009	**MW-24**	Water	08/07/08 13:40	08/08/08 09:45
9225114010	**MW-30**	Water	08/07/08 11:50	08/08/08 09:45
9225114011	**MW-31**	Water	08/07/08 12:30	08/08/08 09:45
9225114012	**IDW**	Water	08/07/08 14:10	08/08/08 09:45
9225114013	**MW-32**	Water	08/07/08 10:20	08/08/08 09:45
9225114014	**MW-33**	Water	08/07/08 09:30	08/08/08 09:45
9225114015	**DUPLICATE**	Water	08/07/08 09:05	08/08/08 09:45

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SAMPLE ANALYTE COUNT

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9225114001	**MW-8**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114002	**MW-9**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114003	**MW-10**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114004	**MW-11**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114005	**MW-14**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114006	**MW-19**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114007	**MW-20**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114008	**MW-23**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114009	**MW-24**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114010	**MW-30**	EPA 8011	CAH	2
		EPA 8260	AW	10
		EPA 8270	BET	21
9225114011	**MW-31**	EPA 8011	CAH	2
		EPA 8260	MCK	10
		EPA 8270	BET	21
9225114012	**IDW**	EPA 8011	CAH	2
		EPA 8260	MCK	10
		EPA 8270	BET	21
9225114013	**MW-32**	EPA 8011	CAH	2

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SAMPLE ANALYTE COUNT

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 8260	MCK	10
		EPA 8270	BET	21
9225114014	**MW-33**	EPA 8011	CAH	2
		EPA 8260	MCK	10
		EPA 8270	BET	21
9225114015	**DUPLICATE**	EPA 8011	CAH	2
		EPA 8260	MCK	10
		EPA 8270	BET	21

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-8 **Lab ID: 9225114001** Collected: 08/07/08 13:50 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 23:12	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/18/08 23:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/13/08 00:00	08/22/08 03:54	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/13/08 00:00	08/22/08 03:54	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 03:54	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/13/08 00:00	08/22/08 03:54	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/13/08 00:00	08/22/08 03:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 03:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 03:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 03:54	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/13/08 00:00	08/22/08 03:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 03:54	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/13/08 00:00	08/22/08 03:54	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 03:54	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/13/08 00:00	08/22/08 03:54	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/13/08 00:00	08/22/08 03:54	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/13/08 00:00	08/22/08 03:54	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/13/08 00:00	08/22/08 03:54	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 03:54	85-01-8	
Pyrene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 03:54	129-00-0	
Nitrobenzene-d5 (S)	41	%	10-120		1	08/13/08 00:00	08/22/08 03:54	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-120		1	08/13/08 00:00	08/22/08 03:54	321-60-8	
Terphenyl-d14 (S)	64	%	10-116		1	08/13/08 00:00	08/22/08 03:54	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 10:34	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 10:34	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 10:34	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 10:34	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 10:34	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 10:34	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 10:34	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 10:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 10:34	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 10:34	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-9 **Lab ID: 9225114002** Collected: 08/07/08 12:05 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/18/08 23:48	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/18/08 23:48	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.2	0.54	1	08/13/08 00:00	08/22/08 04:18	83-32-9	
Acenaphthylene	ND	ug/L	11.2	0.52	1	08/13/08 00:00	08/22/08 04:18	208-96-8	
Anthracene	ND	ug/L	11.2	0.72	1	08/13/08 00:00	08/22/08 04:18	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.2	0.80	1	08/13/08 00:00	08/22/08 04:18	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.2	0.70	1	08/13/08 00:00	08/22/08 04:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.2	0.64	1	08/13/08 00:00	08/22/08 04:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.2	0.76	1	08/13/08 00:00	08/22/08 04:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.2	0.74	1	08/13/08 00:00	08/22/08 04:18	207-08-9	
Chrysene	ND	ug/L	11.2	0.79	1	08/13/08 00:00	08/22/08 04:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.2	0.64	1	08/13/08 00:00	08/22/08 04:18	53-70-3	
Fluoranthene	ND	ug/L	11.2	0.81	1	08/13/08 00:00	08/22/08 04:18	206-44-0	
Fluorene	ND	ug/L	11.2	0.72	1	08/13/08 00:00	08/22/08 04:18	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.2	0.65	1	08/13/08 00:00	08/22/08 04:18	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.2	11.2	1	08/13/08 00:00	08/22/08 04:18	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.2	0.35	1	08/13/08 00:00	08/22/08 04:18	91-57-6	
Naphthalene	ND	ug/L	11.2	0.48	1	08/13/08 00:00	08/22/08 04:18	91-20-3	
Phenanthrene	ND	ug/L	11.2	0.76	1	08/13/08 00:00	08/22/08 04:18	85-01-8	
Pyrene	ND	ug/L	11.2	0.74	1	08/13/08 00:00	08/22/08 04:18	129-00-0	
Nitrobenzene-d5 (S)	32	%	10-120		1	08/13/08 00:00	08/22/08 04:18	4165-60-0	
2-Fluorobiphenyl (S)	37	%	10-120		1	08/13/08 00:00	08/22/08 04:18	321-60-8	
Terphenyl-d14 (S)	63	%	10-116		1	08/13/08 00:00	08/22/08 04:18	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 10:58	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 10:58	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 10:58	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 10:58	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 10:58	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 10:58	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 10:58	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 10:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 10:58	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 10:58	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-10 **Lab ID: 9225114003** Collected: 08/07/08 10:55 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 00:12	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/19/08 00:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	**20.5**	ug/L	11.5	0.55	1	08/13/08 00:00	08/22/08 04:42	83-32-9	
Acenaphthylene	ND	ug/L	11.5	0.53	1	08/13/08 00:00	08/22/08 04:42	208-96-8	
Anthracene	**1.5J**	ug/L	11.5	0.74	1	08/13/08 00:00	08/22/08 04:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.5	0.82	1	08/13/08 00:00	08/22/08 04:42	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.5	0.71	1	08/13/08 00:00	08/22/08 04:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.5	0.66	1	08/13/08 00:00	08/22/08 04:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.5	0.78	1	08/13/08 00:00	08/22/08 04:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.5	0.76	1	08/13/08 00:00	08/22/08 04:42	207-08-9	
Chrysene	ND	ug/L	11.5	0.80	1	08/13/08 00:00	08/22/08 04:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.5	0.66	1	08/13/08 00:00	08/22/08 04:42	53-70-3	
Fluoranthene	**3.6J**	ug/L	11.5	0.83	1	08/13/08 00:00	08/22/08 04:42	206-44-0	
Fluorene	**10.5J**	ug/L	11.5	0.74	1	08/13/08 00:00	08/22/08 04:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.5	0.67	1	08/13/08 00:00	08/22/08 04:42	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.5	11.5	1	08/13/08 00:00	08/22/08 04:42	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.5	0.36	1	08/13/08 00:00	08/22/08 04:42	91-57-6	
Naphthalene	ND	ug/L	11.5	0.49	1	08/13/08 00:00	08/22/08 04:42	91-20-3	
Phenanthrene	**2.9J**	ug/L	11.5	0.78	1	08/13/08 00:00	08/22/08 04:42	85-01-8	
Pyrene	**1.7J**	ug/L	11.5	0.76	1	08/13/08 00:00	08/22/08 04:42	129-00-0	
Nitrobenzene-d5 (S)	22	%	10-120		1	08/13/08 00:00	08/22/08 04:42	4165-60-0	
2-Fluorobiphenyl (S)	34	%	10-120		1	08/13/08 00:00	08/22/08 04:42	321-60-8	
Terphenyl-d14 (S)	41	%	10-116		1	08/13/08 00:00	08/22/08 04:42	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 11:22	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 11:22	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 11:22	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 11:22	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 11:22	1330-20-7	
o-Xylene	**0.28J**	ug/L	1.0	0.23	1		08/12/08 11:22	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 11:22	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 11:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/12/08 11:22	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 11:22	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-11 **Lab ID: 9225114004** Collected: 08/07/08 12:30 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 00:24	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 00:24	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/13/08 00:00	08/22/08 05:06	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/13/08 00:00	08/22/08 05:06	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 05:06	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/13/08 00:00	08/22/08 05:06	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/13/08 00:00	08/22/08 05:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 05:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 05:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 05:06	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/13/08 00:00	08/22/08 05:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 05:06	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/13/08 00:00	08/22/08 05:06	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 05:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/13/08 00:00	08/22/08 05:06	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/13/08 00:00	08/22/08 05:06	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/13/08 00:00	08/22/08 05:06	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/13/08 00:00	08/22/08 05:06	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 05:06	85-01-8	
Pyrene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 05:06	129-00-0	
Nitrobenzene-d5 (S)	43	%	10-120		1	08/13/08 00:00	08/22/08 05:06	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-120		1	08/13/08 00:00	08/22/08 05:06	321-60-8	
Terphenyl-d14 (S)	74	%	10-116		1	08/13/08 00:00	08/22/08 05:06	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 11:45	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 11:45	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 11:45	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 11:45	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 11:45	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 11:45	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 11:45	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 11:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 11:45	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 11:45	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-14 **Lab ID: 9225114005** Collected: 08/07/08 08:55 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 00:36	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 00:36	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.1	0.53	1	08/13/08 00:00	08/22/08 05:33	83-32-9	
Acenaphthylene	ND	ug/L	11.1	0.51	1	08/13/08 00:00	08/22/08 05:33	208-96-8	
Anthracene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 05:33	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.1	0.79	1	08/13/08 00:00	08/22/08 05:33	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	0.69	1	08/13/08 00:00	08/22/08 05:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 05:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 05:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 05:33	207-08-9	
Chrysene	ND	ug/L	11.1	0.78	1	08/13/08 00:00	08/22/08 05:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	0.63	1	08/13/08 00:00	08/22/08 05:33	53-70-3	
Fluoranthene	ND	ug/L	11.1	0.80	1	08/13/08 00:00	08/22/08 05:33	206-44-0	
Fluorene	ND	ug/L	11.1	0.71	1	08/13/08 00:00	08/22/08 05:33	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	0.64	1	08/13/08 00:00	08/22/08 05:33	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.1	11.1	1	08/13/08 00:00	08/22/08 05:33	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.1	0.34	1	08/13/08 00:00	08/22/08 05:33	91-57-6	
Naphthalene	ND	ug/L	11.1	0.48	1	08/13/08 00:00	08/22/08 05:33	91-20-3	
Phenanthrene	ND	ug/L	11.1	0.76	1	08/13/08 00:00	08/22/08 05:33	85-01-8	
Pyrene	ND	ug/L	11.1	0.73	1	08/13/08 00:00	08/22/08 05:33	129-00-0	
Nitrobenzene-d5 (S)	43	%	10-120		1	08/13/08 00:00	08/22/08 05:33	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-120		1	08/13/08 00:00	08/22/08 05:33	321-60-8	
Terphenyl-d14 (S)	70	%	10-116		1	08/13/08 00:00	08/22/08 05:33	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**1.9**	ug/L	1.0	0.25	1		08/12/08 12:09	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 12:09	100-41-4	
Methyl-tert-butyl ether	**3.1**	ug/L	1.0	0.21	1		08/12/08 12:09	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 12:09	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 12:09	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 12:09	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 12:09	460-00-4	
Dibromofluoromethane (S)	100	%	85-115		1		08/12/08 12:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 12:09	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		08/12/08 12:09	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-19 **Lab ID: 9225114006** Collected: 08/07/08 10:05 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 00:48	106-93-4	
1-Chloro-2-bromopropane (S)	83	%	60-140		1	08/17/08 00:00	08/19/08 00:48	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.0	0.53	1	08/13/08 00:00	08/22/08 05:59	83-32-9	
Acenaphthylene	ND	ug/L	11.0	0.51	1	08/13/08 00:00	08/22/08 05:59	208-96-8	
Anthracene	ND	ug/L	11.0	0.70	1	08/13/08 00:00	08/22/08 05:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.0	0.78	1	08/13/08 00:00	08/22/08 05:59	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.0	0.68	1	08/13/08 00:00	08/22/08 05:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.0	0.63	1	08/13/08 00:00	08/22/08 05:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.0	0.75	1	08/13/08 00:00	08/22/08 05:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.0	0.73	1	08/13/08 00:00	08/22/08 05:59	207-08-9	
Chrysene	ND	ug/L	11.0	0.77	1	08/13/08 00:00	08/22/08 05:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.0	0.63	1	08/13/08 00:00	08/22/08 05:59	53-70-3	
Fluoranthene	ND	ug/L	11.0	0.79	1	08/13/08 00:00	08/22/08 05:59	206-44-0	
Fluorene	ND	ug/L	11.0	0.70	1	08/13/08 00:00	08/22/08 05:59	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.0	0.64	1	08/13/08 00:00	08/22/08 05:59	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.0	11.0	1	08/13/08 00:00	08/22/08 05:59	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.0	0.34	1	08/13/08 00:00	08/22/08 05:59	91-57-6	
Naphthalene	ND	ug/L	11.0	0.47	1	08/13/08 00:00	08/22/08 05:59	91-20-3	
Phenanthrene	ND	ug/L	11.0	0.75	1	08/13/08 00:00	08/22/08 05:59	85-01-8	
Pyrene	ND	ug/L	11.0	0.73	1	08/13/08 00:00	08/22/08 05:59	129-00-0	
Nitrobenzene-d5 (S)	29	%	10-120		1	08/13/08 00:00	08/22/08 05:59	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-120		1	08/13/08 00:00	08/22/08 05:59	321-60-8	
Terphenyl-d14 (S)	50	%	10-116		1	08/13/08 00:00	08/22/08 05:59	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 12:33	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 12:33	100-41-4	
Methyl-tert-butyl ether	**0.85J**	ug/L	1.0	0.21	1		08/12/08 12:33	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 12:33	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 12:33	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 12:33	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 12:33	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 12:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 12:33	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 12:33	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-20 **Lab ID: 9225114007** Collected: 08/07/08 13:10 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 01:00	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 01:00	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	10.5	0.51	1	08/13/08 00:00	08/22/08 06:25	83-32-9	
Acenaphthylene	ND	ug/L	10.5	0.48	1	08/13/08 00:00	08/22/08 06:25	208-96-8	
Anthracene	ND	ug/L	10.5	0.67	1	08/13/08 00:00	08/22/08 06:25	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.5	0.75	1	08/13/08 00:00	08/22/08 06:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.5	0.65	1	08/13/08 00:00	08/22/08 06:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.5	0.60	1	08/13/08 00:00	08/22/08 06:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.5	0.72	1	08/13/08 00:00	08/22/08 06:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.5	0.69	1	08/13/08 00:00	08/22/08 06:25	207-08-9	
Chrysene	ND	ug/L	10.5	0.74	1	08/13/08 00:00	08/22/08 06:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.5	0.60	1	08/13/08 00:00	08/22/08 06:25	53-70-3	
Fluoranthene	ND	ug/L	10.5	0.76	1	08/13/08 00:00	08/22/08 06:25	206-44-0	
Fluorene	ND	ug/L	10.5	0.67	1	08/13/08 00:00	08/22/08 06:25	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.5	0.61	1	08/13/08 00:00	08/22/08 06:25	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.5	10.5	1	08/13/08 00:00	08/22/08 06:25	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.5	0.33	1	08/13/08 00:00	08/22/08 06:25	91-57-6	
Naphthalene	ND	ug/L	10.5	0.45	1	08/13/08 00:00	08/22/08 06:25	91-20-3	
Phenanthrene	ND	ug/L	10.5	0.72	1	08/13/08 00:00	08/22/08 06:25	85-01-8	
Pyrene	ND	ug/L	10.5	0.69	1	08/13/08 00:00	08/22/08 06:25	129-00-0	
Nitrobenzene-d5 (S)	38	%	10-120		1	08/13/08 00:00	08/22/08 06:25	4165-60-0	
2-Fluorobiphenyl (S)	60	%	10-120		1	08/13/08 00:00	08/22/08 06:25	321-60-8	
Terphenyl-d14 (S)	72	%	10-116		1	08/13/08 00:00	08/22/08 06:25	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 12:57	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 12:57	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 12:57	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 12:57	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 12:57	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 12:57	95-47-6	
4-Bromofluorobenzene (S)	99	%	87-109		1		08/12/08 12:57	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/12/08 12:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 12:57	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 12:57	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-23 **Lab ID: 9225114008** Collected: 08/07/08 12:55 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 01:12	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 01:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.4	0.55	1	08/13/08 00:00	08/22/08 07:38	83-32-9	
Acenaphthylene	ND	ug/L	11.4	0.52	1	08/13/08 00:00	08/22/08 07:38	208-96-8	
Anthracene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 07:38	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.4	0.81	1	08/13/08 00:00	08/22/08 07:38	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.4	0.70	1	08/13/08 00:00	08/22/08 07:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 07:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 07:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 07:38	207-08-9	
Chrysene	ND	ug/L	11.4	0.80	1	08/13/08 00:00	08/22/08 07:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 07:38	53-70-3	
Fluoranthene	ND	ug/L	11.4	0.82	1	08/13/08 00:00	08/22/08 07:38	206-44-0	
Fluorene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 07:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.4	0.66	1	08/13/08 00:00	08/22/08 07:38	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.4	11.4	1	08/13/08 00:00	08/22/08 07:38	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.4	0.35	1	08/13/08 00:00	08/22/08 07:38	91-57-6	
Naphthalene	ND	ug/L	11.4	0.49	1	08/13/08 00:00	08/22/08 07:38	91-20-3	
Phenanthrene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 07:38	85-01-8	
Pyrene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 07:38	129-00-0	
Nitrobenzene-d5 (S)	27	%	10-120		1	08/13/08 00:00	08/22/08 07:38	4165-60-0	
2-Fluorobiphenyl (S)	40	%	10-120		1	08/13/08 00:00	08/22/08 07:38	321-60-8	
Terphenyl-d14 (S)	61	%	10-116		1	08/13/08 00:00	08/22/08 07:38	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 13:20	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 13:20	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 13:20	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 13:20	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 13:20	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 13:20	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 13:20	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 13:20	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 13:20	17060-07-0	
Toluene-d8 (S)	98	%	70-120		1		08/12/08 13:20	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-24 **Lab ID: 9225114009** Collected: 08/07/08 13:40 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 01:24	106-93-4	
1-Chloro-2-bromopropane (S)	82	%	60-140		1	08/17/08 00:00	08/19/08 01:24	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.8	0.56	1	08/13/08 00:00	08/22/08 08:02	83-32-9	
Acenaphthylene	ND	ug/L	11.8	0.54	1	08/13/08 00:00	08/22/08 08:02	208-96-8	
Anthracene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 08:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.8	0.84	1	08/13/08 00:00	08/22/08 08:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.8	0.73	1	08/13/08 00:00	08/22/08 08:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 08:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 08:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 08:02	207-08-9	
Chrysene	ND	ug/L	11.8	0.82	1	08/13/08 00:00	08/22/08 08:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 08:02	53-70-3	
Fluoranthene	ND	ug/L	11.8	0.85	1	08/13/08 00:00	08/22/08 08:02	206-44-0	
Fluorene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 08:02	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.8	0.68	1	08/13/08 00:00	08/22/08 08:02	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.8	11.8	1	08/13/08 00:00	08/22/08 08:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.8	0.36	1	08/13/08 00:00	08/22/08 08:02	91-57-6	
Naphthalene	ND	ug/L	11.8	0.51	1	08/13/08 00:00	08/22/08 08:02	91-20-3	
Phenanthrene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 08:02	85-01-8	
Pyrene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 08:02	129-00-0	
Nitrobenzene-d5 (S)	39	%	10-120		1	08/13/08 00:00	08/22/08 08:02	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-120		1	08/13/08 00:00	08/22/08 08:02	321-60-8	
Terphenyl-d14 (S)	60	%	10-116		1	08/13/08 00:00	08/22/08 08:02	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 13:44	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 13:44	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 13:44	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 13:44	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 13:44	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 13:44	95-47-6	
4-Bromofluorobenzene (S)	100	%	87-109		1		08/12/08 13:44	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 13:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/12/08 13:44	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 13:44	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-30 **Lab ID: 9225114010** Collected: 08/07/08 11:50 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 01:36	106-93-4	
1-Chloro-2-bromopropane (S)	82	%	60-140		1	08/17/08 00:00	08/19/08 01:36	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	**2.1J**	ug/L	11.5	0.55	1	08/13/08 00:00	08/22/08 08:26	83-32-9	
Acenaphthylene	ND	ug/L	11.5	0.53	1	08/13/08 00:00	08/22/08 08:26	208-96-8	
Anthracene	ND	ug/L	11.5	0.74	1	08/13/08 00:00	08/22/08 08:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.5	0.82	1	08/13/08 00:00	08/22/08 08:26	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.5	0.71	1	08/13/08 00:00	08/22/08 08:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.5	0.66	1	08/13/08 00:00	08/22/08 08:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.5	0.78	1	08/13/08 00:00	08/22/08 08:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.5	0.76	1	08/13/08 00:00	08/22/08 08:26	207-08-9	
Chrysene	ND	ug/L	11.5	0.80	1	08/13/08 00:00	08/22/08 08:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.5	0.66	1	08/13/08 00:00	08/22/08 08:26	53-70-3	
Fluoranthene	ND	ug/L	11.5	0.83	1	08/13/08 00:00	08/22/08 08:26	206-44-0	
Fluorene	ND	ug/L	11.5	0.74	1	08/13/08 00:00	08/22/08 08:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.5	0.67	1	08/13/08 00:00	08/22/08 08:26	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.5	11.5	1	08/13/08 00:00	08/22/08 08:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.5	0.36	1	08/13/08 00:00	08/22/08 08:26	91-57-6	
Naphthalene	ND	ug/L	11.5	0.49	1	08/13/08 00:00	08/22/08 08:26	91-20-3	
Phenanthrene	ND	ug/L	11.5	0.78	1	08/13/08 00:00	08/22/08 08:26	85-01-8	
Pyrene	ND	ug/L	11.5	0.76	1	08/13/08 00:00	08/22/08 08:26	129-00-0	
Nitrobenzene-d5 (S)	34	%	10-120		1	08/13/08 00:00	08/22/08 08:26	4165-60-0	
2-Fluorobiphenyl (S)	52	%	10-120		1	08/13/08 00:00	08/22/08 08:26	321-60-8	
Terphenyl-d14 (S)	63	%	10-116		1	08/13/08 00:00	08/22/08 08:26	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/12/08 14:08	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/12/08 14:08	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/12/08 14:08	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/12/08 14:08	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/12/08 14:08	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/12/08 14:08	95-47-6	
4-Bromofluorobenzene (S)	98	%	87-109		1		08/12/08 14:08	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/12/08 14:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120		1		08/12/08 14:08	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/12/08 14:08	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-31 **Lab ID: 9225114011** Collected: 08/07/08 12:30 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 02:12	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 02:12	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	10.9	0.52	1	08/13/08 00:00	08/22/08 08:49	83-32-9	
Acenaphthylene	ND	ug/L	10.9	0.50	1	08/13/08 00:00	08/22/08 08:49	208-96-8	
Anthracene	ND	ug/L	10.9	0.70	1	08/13/08 00:00	08/22/08 08:49	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.9	0.77	1	08/13/08 00:00	08/22/08 08:49	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.9	0.67	1	08/13/08 00:00	08/22/08 08:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.9	0.62	1	08/13/08 00:00	08/22/08 08:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.9	0.74	1	08/13/08 00:00	08/22/08 08:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.9	0.72	1	08/13/08 00:00	08/22/08 08:49	207-08-9	
Chrysene	ND	ug/L	10.9	0.76	1	08/13/08 00:00	08/22/08 08:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.9	0.62	1	08/13/08 00:00	08/22/08 08:49	53-70-3	
Fluoranthene	ND	ug/L	10.9	0.78	1	08/13/08 00:00	08/22/08 08:49	206-44-0	
Fluorene	ND	ug/L	10.9	0.70	1	08/13/08 00:00	08/22/08 08:49	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.9	0.63	1	08/13/08 00:00	08/22/08 08:49	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.9	10.9	1	08/13/08 00:00	08/22/08 08:49	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.9	0.34	1	08/13/08 00:00	08/22/08 08:49	91-57-6	
Naphthalene	ND	ug/L	10.9	0.47	1	08/13/08 00:00	08/22/08 08:49	91-20-3	
Phenanthrene	ND	ug/L	10.9	0.74	1	08/13/08 00:00	08/22/08 08:49	85-01-8	
Pyrene	ND	ug/L	10.9	0.72	1	08/13/08 00:00	08/22/08 08:49	129-00-0	
Nitrobenzene-d5 (S)	42	%	10-120		1	08/13/08 00:00	08/22/08 08:49	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-120		1	08/13/08 00:00	08/22/08 08:49	321-60-8	
Terphenyl-d14 (S)	77	%	10-116		1	08/13/08 00:00	08/22/08 08:49	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/13/08 18:38	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/08 18:38	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/13/08 18:38	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/08 18:38	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/08 18:38	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/08 18:38	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/13/08 18:38	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/13/08 18:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/08 18:38	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/13/08 18:38	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: IDW **Lab ID: 9225114012** Collected: 08/07/08 14:10 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 02:24	106-93-4	
1-Chloro-2-bromopropane (S)	85	%	60-140		1	08/17/08 00:00	08/19/08 02:24	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	**1.2J**	ug/L	11.8	0.56	1	08/13/08 00:00	08/22/08 09:13	83-32-9	
Acenaphthylene	ND	ug/L	11.8	0.54	1	08/13/08 00:00	08/22/08 09:13	208-96-8	
Anthracene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 09:13	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.8	0.84	1	08/13/08 00:00	08/22/08 09:13	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.8	0.73	1	08/13/08 00:00	08/22/08 09:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 09:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 09:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 09:13	207-08-9	
Chrysene	ND	ug/L	11.8	0.82	1	08/13/08 00:00	08/22/08 09:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 09:13	53-70-3	
Fluoranthene	ND	ug/L	11.8	0.85	1	08/13/08 00:00	08/22/08 09:13	206-44-0	
Fluorene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 09:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.8	0.68	1	08/13/08 00:00	08/22/08 09:13	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.8	11.8	1	08/13/08 00:00	08/22/08 09:13	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.8	0.36	1	08/13/08 00:00	08/22/08 09:13	91-57-6	
Naphthalene	ND	ug/L	11.8	0.51	1	08/13/08 00:00	08/22/08 09:13	91-20-3	
Phenanthrene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 09:13	85-01-8	
Pyrene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 09:13	129-00-0	
Nitrobenzene-d5 (S)	39	%	10-120		1	08/13/08 00:00	08/22/08 09:13	4165-60-0	
2-Fluorobiphenyl (S)	43	%	10-120		1	08/13/08 00:00	08/22/08 09:13	321-60-8	
Terphenyl-d14 (S)	67	%	10-116		1	08/13/08 00:00	08/22/08 09:13	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/13/08 19:02	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/08 19:02	100-41-4	
Methyl-tert-butyl ether	**0.25J**	ug/L	1.0	0.21	1		08/13/08 19:02	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/08 19:02	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/08 19:02	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/08 19:02	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/13/08 19:02	460-00-4	
Dibromofluoromethane (S)	99	%	85-115		1		08/13/08 19:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/08 19:02	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/13/08 19:02	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-32 **Lab ID: 9225114013** Collected: 08/07/08 10:20 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 02:36	106-93-4	
1-Chloro-2-bromopropane (S)	84	%	60-140		1	08/17/08 00:00	08/19/08 02:36	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.4	0.55	1	08/13/08 00:00	08/22/08 09:37	83-32-9	
Acenaphthylene	ND	ug/L	11.4	0.52	1	08/13/08 00:00	08/22/08 09:37	208-96-8	
Anthracene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 09:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.4	0.81	1	08/13/08 00:00	08/22/08 09:37	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.4	0.70	1	08/13/08 00:00	08/22/08 09:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 09:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 09:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 09:37	207-08-9	
Chrysene	ND	ug/L	11.4	0.80	1	08/13/08 00:00	08/22/08 09:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.4	0.65	1	08/13/08 00:00	08/22/08 09:37	53-70-3	
Fluoranthene	ND	ug/L	11.4	0.82	1	08/13/08 00:00	08/22/08 09:37	206-44-0	
Fluorene	ND	ug/L	11.4	0.73	1	08/13/08 00:00	08/22/08 09:37	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.4	0.66	1	08/13/08 00:00	08/22/08 09:37	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.4	11.4	1	08/13/08 00:00	08/22/08 09:37	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.4	0.35	1	08/13/08 00:00	08/22/08 09:37	91-57-6	
Naphthalene	ND	ug/L	11.4	0.49	1	08/13/08 00:00	08/22/08 09:37	91-20-3	
Phenanthrene	ND	ug/L	11.4	0.77	1	08/13/08 00:00	08/22/08 09:37	85-01-8	
Pyrene	ND	ug/L	11.4	0.75	1	08/13/08 00:00	08/22/08 09:37	129-00-0	
Nitrobenzene-d5 (S)	44	%	10-120		1	08/13/08 00:00	08/22/08 09:37	4165-60-0	
2-Fluorobiphenyl (S)	65	%	10-120		1	08/13/08 00:00	08/22/08 09:37	321-60-8	
Terphenyl-d14 (S)	74	%	10-116		1	08/13/08 00:00	08/22/08 09:37	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/13/08 19:26	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/08 19:26	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/13/08 19:26	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/08 19:26	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/08 19:26	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/08 19:26	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/13/08 19:26	460-00-4	
Dibromofluoromethane (S)	98	%	85-115		1		08/13/08 19:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	99	%	79-120		1		08/13/08 19:26	17060-07-0	
Toluene-d8 (S)	99	%	70-120		1		08/13/08 19:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: MW-33 **Lab ID: 9225114014** Collected: 08/07/08 09:30 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 02:48	106-93-4	
1-Chloro-2-bromopropane (S)	87	%	60-140		1	08/17/08 00:00	08/19/08 02:48	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	10.9	0.52	1	08/13/08 00:00	08/22/08 10:01	83-32-9	
Acenaphthylene	ND	ug/L	10.9	0.50	1	08/13/08 00:00	08/22/08 10:01	208-96-8	
Anthracene	ND	ug/L	10.9	0.70	1	08/13/08 00:00	08/22/08 10:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.9	0.77	1	08/13/08 00:00	08/22/08 10:01	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.9	0.67	1	08/13/08 00:00	08/22/08 10:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.9	0.62	1	08/13/08 00:00	08/22/08 10:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.9	0.74	1	08/13/08 00:00	08/22/08 10:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.9	0.72	1	08/13/08 00:00	08/22/08 10:01	207-08-9	
Chrysene	ND	ug/L	10.9	0.76	1	08/13/08 00:00	08/22/08 10:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.9	0.62	1	08/13/08 00:00	08/22/08 10:01	53-70-3	
Fluoranthene	ND	ug/L	10.9	0.78	1	08/13/08 00:00	08/22/08 10:01	206-44-0	
Fluorene	ND	ug/L	10.9	0.70	1	08/13/08 00:00	08/22/08 10:01	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.9	0.63	1	08/13/08 00:00	08/22/08 10:01	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.9	10.9	1	08/13/08 00:00	08/22/08 10:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.9	0.34	1	08/13/08 00:00	08/22/08 10:01	91-57-6	
Naphthalene	ND	ug/L	10.9	0.47	1	08/13/08 00:00	08/22/08 10:01	91-20-3	
Phenanthrene	ND	ug/L	10.9	0.74	1	08/13/08 00:00	08/22/08 10:01	85-01-8	
Pyrene	ND	ug/L	10.9	0.72	1	08/13/08 00:00	08/22/08 10:01	129-00-0	
Nitrobenzene-d5 (S)	21	%	10-120		1	08/13/08 00:00	08/22/08 10:01	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-120		1	08/13/08 00:00	08/22/08 10:01	321-60-8	
Terphenyl-d14 (S)	68	%	10-116		1	08/13/08 00:00	08/22/08 10:01	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	ND	ug/L	1.0	0.25	1		08/13/08 19:49	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/08 19:49	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		08/13/08 19:49	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/08 19:49	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/08 19:49	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/08 19:49	95-47-6	
4-Bromofluorobenzene (S)	102	%	87-109		1		08/13/08 19:49	460-00-4	
Dibromofluoromethane (S)	97	%	85-115		1		08/13/08 19:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	98	%	79-120		1		08/13/08 19:49	17060-07-0	
Toluene-d8 (S)	101	%	70-120		1		08/13/08 19:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

Sample: DUPLICATE **Lab ID: 9225114015** Collected: 08/07/08 09:05 Received: 08/08/08 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.020	1	08/17/08 00:00	08/19/08 03:00	106-93-4	
1-Chloro-2-bromopropane (S)	85	%	60-140		1	08/17/08 00:00	08/19/08 03:00	301-79-56	
8270 MSSV PAH SPE	Analytical Method: EPA 8270 Preparation Method: EPA 3535								
Acenaphthene	ND	ug/L	11.8	0.56	1	08/13/08 00:00	08/22/08 10:26	83-32-9	
Acenaphthylene	ND	ug/L	11.8	0.54	1	08/13/08 00:00	08/22/08 10:26	208-96-8	
Anthracene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 10:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	11.8	0.84	1	08/13/08 00:00	08/22/08 10:26	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.8	0.73	1	08/13/08 00:00	08/22/08 10:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 10:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 10:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 10:26	207-08-9	
Chrysene	ND	ug/L	11.8	0.82	1	08/13/08 00:00	08/22/08 10:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.8	0.67	1	08/13/08 00:00	08/22/08 10:26	53-70-3	
Fluoranthene	ND	ug/L	11.8	0.85	1	08/13/08 00:00	08/22/08 10:26	206-44-0	
Fluorene	ND	ug/L	11.8	0.75	1	08/13/08 00:00	08/22/08 10:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.8	0.68	1	08/13/08 00:00	08/22/08 10:26	193-39-5	
1-Methylnaphthalene	ND	ug/L	11.8	11.8	1	08/13/08 00:00	08/22/08 10:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	11.8	0.36	1	08/13/08 00:00	08/22/08 10:26	91-57-6	
Naphthalene	ND	ug/L	11.8	0.51	1	08/13/08 00:00	08/22/08 10:26	91-20-3	
Phenanthrene	ND	ug/L	11.8	0.80	1	08/13/08 00:00	08/22/08 10:26	85-01-8	
Pyrene	ND	ug/L	11.8	0.78	1	08/13/08 00:00	08/22/08 10:26	129-00-0	
Nitrobenzene-d5 (S)	30	%	10-120		1	08/13/08 00:00	08/22/08 10:26	4165-60-0	
2-Fluorobiphenyl (S)	45	%	10-120		1	08/13/08 00:00	08/22/08 10:26	321-60-8	
Terphenyl-d14 (S)	53	%	10-116		1	08/13/08 00:00	08/22/08 10:26	1718-51-0	
8260 MSV Low Level	Analytical Method: EPA 8260								
Benzene	**1.9**	ug/L	1.0	0.25	1		08/13/08 20:13	71-43-2	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/13/08 20:13	100-41-4	
Methyl-tert-butyl ether	**3.1**	ug/L	1.0	0.21	1		08/13/08 20:13	1634-04-4	
Toluene	ND	ug/L	1.0	0.26	1		08/13/08 20:13	108-88-3	
m&p-Xylene	ND	ug/L	2.0	0.66	1		08/13/08 20:13	1330-20-7	
o-Xylene	ND	ug/L	1.0	0.23	1		08/13/08 20:13	95-47-6	
4-Bromofluorobenzene (S)	103	%	87-109		1		08/13/08 20:13	460-00-4	
Dibromofluoromethane (S)	102	%	85-115		1		08/13/08 20:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	79-120		1		08/13/08 20:13	17060-07-0	
Toluene-d8 (S)	100	%	70-120		1		08/13/08 20:13	2037-26-5	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

QC Batch: MSV/4249 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006

METHOD BLANK: 151867
Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	102	79-120	
4-Bromofluorobenzene (S)	%	99	87-109	
Dibromofluoromethane (S)	%	99	85-115	
Toluene-d8 (S)	%	98	70-120	

LABORATORY CONTROL SAMPLE: 151868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.0	98	78-128	
Ethylbenzene	ug/L	50	49.7	99	80-127	
m&p-Xylene	ug/L	100	93.1	93	82-127	
Methyl-tert-butyl ether	ug/L	50	48.7	97	71-130	
o-Xylene	ug/L	50	49.2	98	83-124	
Toluene	ug/L	50	47.6	95	76-126	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			101	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			99	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 151933 151934

Parameter	Units	9225079001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	55.3	53.1	110	105	74-136	4	30	
Toluene	ug/L	ND	50	50	53.1	50.9	106	102	73-131	4	30	
1,2-Dichloroethane-d4 (S)	%						99	99	79-120			
4-Bromofluorobenzene (S)	%						100	99	87-109			
Dibromofluoromethane (S)	%						96	97	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

QC Batch: MSV/4250 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9225114007, 9225114008, 9225114009, 9225114010

METHOD BLANK: 151870
Associated Lab Samples: 9225114007, 9225114008, 9225114009, 9225114010

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	102	79-120	
4-Bromofluorobenzene (S)	%	99	87-109	
Dibromofluoromethane (S)	%	99	85-115	
Toluene-d8 (S)	%	98	70-120	

LABORATORY CONTROL SAMPLE: 151871

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	49.0	98	78-128	
Ethylbenzene	ug/L	50	49.7	99	80-127	
m&p-Xylene	ug/L	100	93.1	93	82-127	
Methyl-tert-butyl ether	ug/L	50	48.7	97	71-130	
o-Xylene	ug/L	50	49.2	98	83-124	
Toluene	ug/L	50	47.6	95	76-126	
1,2-Dichloroethane-d4 (S)	%			99	79-120	
4-Bromofluorobenzene (S)	%			101	87-109	
Dibromofluoromethane (S)	%			101	85-115	
Toluene-d8 (S)	%			99	70-120	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

QC Batch: OEXT/4072 Analysis Method: EPA 8270
QC Batch Method: EPA 3535 Analysis Description: 8270 Water PAH MSSV
Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006, 9225114007, 9225114008, 9225114009, 9225114010, 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

METHOD BLANK: 152537

Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006, 9225114007, 9225114008, 9225114009, 9225114010, 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	
2-Methylnaphthalene	ug/L	ND	10.0	
Acenaphthene	ug/L	ND	10.0	
Acenaphthylene	ug/L	ND	10.0	
Anthracene	ug/L	ND	10.0	
Benzo(a)anthracene	ug/L	ND	10.0	
Benzo(a)pyrene	ug/L	ND	10.0	
Benzo(b)fluoranthene	ug/L	ND	10.0	
Benzo(g,h,i)perylene	ug/L	ND	10.0	
Benzo(k)fluoranthene	ug/L	ND	10.0	
Chrysene	ug/L	ND	10.0	
Dibenz(a,h)anthracene	ug/L	ND	10.0	
Fluoranthene	ug/L	ND	10.0	
Fluorene	ug/L	ND	10.0	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	
Naphthalene	ug/L	ND	10.0	
Phenanthrene	ug/L	ND	10.0	
Pyrene	ug/L	ND	10.0	
2-Fluorobiphenyl (S)	%	26	10-120	
Nitrobenzene-d5 (S)	%	6	10-120	1g
Terphenyl-d14 (S)	%	65	10-116	

LABORATORY CONTROL SAMPLE: 152538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	50	41.9	84	29-108	
2-Methylnaphthalene	ug/L	50	39.3	79	30-104	
Acenaphthene	ug/L	50	33.4	67	39-109	
Acenaphthylene	ug/L	50	35.1	70	41-109	
Anthracene	ug/L	50	35.8	72	45-114	
Benzo(a)anthracene	ug/L	50	31.9	64	45-109	
Benzo(a)pyrene	ug/L	50	34.2	68	47-117	
Benzo(b)fluoranthene	ug/L	50	26.3	53	32-113	
Benzo(g,h,i)perylene	ug/L	50	27.9	56	10-149	
Benzo(k)fluoranthene	ug/L	50	34.4	69	41-104	
Chrysene	ug/L	50	35.5	71	35-116	
Dibenz(a,h)anthracene	ug/L	50	28.3	57	13-139	
Fluoranthene	ug/L	50	34.5	69	43-110	
Fluorene	ug/L	50	33.0	66	40-111	
Indeno(1,2,3-cd)pyrene	ug/L	50	29.0	58	17-135	

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

LABORATORY CONTROL SAMPLE: 152538

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	50	28.0	56	26-120	
Phenanthrene	ug/L	50	41.3	83	45-110	
Pyrene	ug/L	50	30.7	61	38-114	
2-Fluorobiphenyl (S)	%			61	10-120	
Nitrobenzene-d5 (S)	%			40	10-120	
Terphenyl-d14 (S)	%			68	10-116	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 152539 152540

Parameter	Units	9225114007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	100	100	56.3	59.5	56	60	29-108	6	30	
2-Methylnaphthalene	ug/L	ND	100	100	74.0	82.4	74	82	30-104	11	30	
Acenaphthene	ug/L	ND	100	100	52.7	55.8	53	56	17-104	6	30	
Acenaphthylene	ug/L	ND	100	100	55.3	62.5	55	62	10-200	12	30	
Anthracene	ug/L	ND	100	100	63.0	60.4	63	60	10-150	4	30	
Benzo(a)anthracene	ug/L	ND	100	100	56.9	60.3	57	60	10-172	6	30	
Benzo(a)pyrene	ug/L	ND	100	100	55.1	53.9	55	54	10-173	2	30	
Benzo(b)fluoranthene	ug/L	ND	100	100	50.7	52.5	51	52	10-200	3	30	
Benzo(g,h,i)perylene	ug/L	ND	100	100	49.3	54.9	49	55	10-120	11	30	
Benzo(k)fluoranthene	ug/L	ND	100	100	60.8	55.4	61	55	10-145	9	30	
Chrysene	ug/L	ND	100	100	54.7	61.4	55	61	10-146	12	30	
Dibenz(a,h)anthracene	ug/L	ND	100	100	54.0	59.3	54	59	10-120	9	30	
Fluoranthene	ug/L	ND	100	100	70.0	70.0	70	70	20-120	.03	30	
Fluorene	ug/L	ND	100	100	59.0	66.8	59	67	10-109	12	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	53.2	57.9	53	58	11-120	9	30	
Naphthalene	ug/L	ND	100	100	45.4	53.8	45	54	10-120	17	30	
Phenanthrene	ug/L	ND	100	100	54.5	59.4	54	59	10-145	9	30	
Pyrene	ug/L	ND	100	100	57.0	57.5	57	58	13-114	.9	30	
2-Fluorobiphenyl (S)	%						50	51	10-120			
Nitrobenzene-d5 (S)	%						46	50	10-120			
Terphenyl-d14 (S)	%						59	63	10-116			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

QC Batch: MSV/4257 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

METHOD BLANK: 152662
Associated Lab Samples: 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	1.0	
o-Xylene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
1,2-Dichloroethane-d4 (S)	%	97	79-120	
4-Bromofluorobenzene (S)	%	100	87-109	
Dibromofluoromethane (S)	%	95	85-115	
Toluene-d8 (S)	%	99	70-120	

LABORATORY CONTROL SAMPLE: 152663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	53.8	108	78-128	
Ethylbenzene	ug/L	50	53.9	108	80-127	
m&p-Xylene	ug/L	100	108	108	82-127	
Methyl-tert-butyl ether	ug/L	50	53.9	108	71-130	
o-Xylene	ug/L	50	54.1	108	83-124	
Toluene	ug/L	50	52.6	105	76-126	
1,2-Dichloroethane-d4 (S)	%			100	79-120	
4-Bromofluorobenzene (S)	%			100	87-109	
Dibromofluoromethane (S)	%			102	85-115	
Toluene-d8 (S)	%			100	70-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 152664 152665

Parameter	Units	9225268001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	50	50	51.8	52.3	104	105	74-136	1	30	
Toluene	ug/L	ND	50	50	50.7	51.3	101	103	73-131	1	30	
1,2-Dichloroethane-d4 (S)	%						99	97	79-120			
4-Bromofluorobenzene (S)	%						101	101	87-109			
Dibromofluoromethane (S)	%						96	95	85-115			
Toluene-d8 (S)	%						99	99	70-120			

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QUALITY CONTROL DATA

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

QC Batch: OEXT/4115 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006, 9225114007, 9225114008, 9225114009, 9225114010, 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

METHOD BLANK: 154755
Associated Lab Samples: 9225114001, 9225114002, 9225114003, 9225114004, 9225114005, 9225114006, 9225114007, 9225114008, 9225114009, 9225114010, 9225114011, 9225114012, 9225114013, 9225114014, 9225114015

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	
1-Chloro-2-bromopropane (S)	%	92	60-140	

LABORATORY CONTROL SAMPLE & LCSD: 154756 154757

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.29	0.31	0.31	108	108	60-140	0	20	
1-Chloro-2-bromopropane (S)	%				89	90	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 154758 154759

Parameter	Units	9225114001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.29	.29	0.23	0.23	80	80	60-140	0	20	
1-Chloro-2-bromopropane (S)	%						81	82	60-140			

SAMPLE DUPLICATE: 154760

Parameter	Units	9225114002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND	0	20	
1-Chloro-2-bromopropane (S)	%		82	2		

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QUALIFIERS

Project: CHICORA TANK FARM 08-538
Pace Project No.: 9225114

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1g	Base/neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of the 2 remaining base/neutral surrogates.

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APPENDIX C

ADVENT WELL PURGE RECORDS

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 34

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1600
TYPE: flush mount well	STOP: 1605
DEPTH TO BOTTOM OF WELL: 14.9 ft	VOLUME PURGED: 3 WV (4.0 gallons)
DEPTH TO WATER SURFACE: 6.7 ft	COMMENTS: Free product in well
LENGTH OF WATER: 8.2 ft	COMPLETION: yes
VOLUME OF WATER: 1.3 gallons	SAMPLE COLLECTED: 1605
3 VOLUMES OF WATER: 4.0 gallons	

IN SITU TESTING

TIME:	**1600**	**1601**	**1603**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**133**	**847**	**63**				
ODOR	**fuel**	**fuel**	**fuel**				
pH	**6.89**	**6.77**	**6.83**				
CONDUCTIVITY	**.782**	**.657**	**.650**				
WATER TEMP.	**21.2**	**21.4**	**21.6**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 11/30/05
JOB No: 05-526	Well ID: MW 33

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 1035
TYPE: flush mount well	STOP: 1200 VOLUME PURGED: 4 WV (26.08 gallons)
DEPTH TO BOTTOM OF WELL: 15.1ft	COMMENTS:
DEPTH TO WATER SURFACE:5 ft	COMPLETION: yes
LENGTH OF WATER: 10.1 ft	SAMPLE COLLECTED: 1200
VOLUME OF WATER: 6.52 gallons	
3 VOLUMES OF WATER:19.56 gallons	

IN SITU TESTING

TIME:	**1035**	**1115**	**1125**	**1150**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**385**	**284**	**73**	**73**			
ODOR	**none**	**none**	**none**	**none**			
pH	**6.96**	**6.84**	**7.08**	**7.08**			
CONDUCTIVITY	**1.08**	**1.06**	**1.03**	**1.01**			
WATER TEMP.	**19.4**	**20.5**	**20.7**	**21.5**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 11/30/05
JOB No: 05-526	Well ID: MW 32

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 1330
TYPE: flush mount well	STOP: 1450 VOLUME PURGED: 4 WV (29.6 gallons)
DEPTH TO BOTTOM OF WELL: 15.1ft	COMMENTS:
DEPTH TO WATER SURFACE:3.7 ft	COMPLETION: yes
LENGTH OF WATER: 11.3 ft	SAMPLE COLLECTED: 1450
VOLUME OF WATER: 7.4 gallons	
3 VOLUMES OF WATER:22.2 gallons	

IN SITU TESTING

TIME:	**1355**	**1425**	**1435**	**1445**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**611**	**875**	**645**	**240**			
ODOR	**none**	**none**	**none**	**none**			
pH	**6.98**	**6.96**	**6.99**	**7.06**			
CONDUCTIVITY	**.700**	**.691**	**.683**	**.670**			
WATER TEMP.	**21.1**	**21.1**	**21.4**	**21.7**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: November 30, 2005
JOB No: 05-526	Well ID: MW-31

PROJECT NAME: Charleston Naval Complex, Multiple Sites

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: Bailers	TYPE DEVICE: Bailers / U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1415
TYPE: flush mount well	STOP: 1458
DEPTH TO BOTTOM OF WELL: 14.9ft	VOLUME PURGED: 3 WV (22 gallons)
DEPTH TO WATER SURFACE: 3.7 ft	COMMENTS:
LENGTH OF WATER: 11.2 ft	COMPLETION: yes
VOLUME OF WATER: 7.3 gallons	SAMPLE COLLECTED: 1458
3 VOLUMES OF WATER: 22 gallons	

IN SITU TESTING

TIME:	**1430**	**1445**	**1458**				
WELL VOLUME PURGED	**1 WV**	**2 WV**	**3 WV**				
TURBIDITY	**94**	**129**	**168**				
ODOR	**None**	**None**	**None**				
pH	**7.22**	**7.21**	**7.19**				
CONDUCTIVITY	**0.416**	**0.430**	**.439**				
WATER TEMP.	**26.1**	**26.3**	**26.2**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 30

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1430
TYPE: flush mount well	STOP: 1447
DEPTH TO BOTTOM OF WELL: 15.1ft	VOLUME PURGED: 3 WV (4.9 gallons)
DEPTH TO WATER SURFACE: 5.1 ft	COMMENTS: slight fuel odor
LENGTH OF WATER: 10 ft	COMPLETION: yes
VOLUME OF WATER: 1.63 gallons	SAMPLE COLLECTED: 1450
3 VOLUMES OF WATER: 4.89 gallons	

IN SITU TESTING

TIME:	**1435**	**1439**	**1447**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**56**	**50**	**622**				
ODOR	**fuel**	**fuel**	**Fuel**				
pH	**6.86**	**6.87**	**6.90**				
CONDUCTIVITY	**.97**	**.96**	**.96**				
WATER TEMP.	**21.6**	**21.5**	**21.3**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 29

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1058
TYPE: flush mount well	STOP: 1108
DEPTH TO BOTTOM OF WELL: 15.0 ft	VOLUME PURGED: 3 WV (5.6 gallons)
DEPTH TO WATER SURFACE: 3.9 ft	COMMENTS:
LENGTH OF WATER: 11.5 ft	COMPLETION: yes
VOLUME OF WATER: 1.8 gallons	SAMPLE COLLECTED: 1108
3 VOLUMES OF WATER: 5.6 gallons	

IN SITU TESTING

TIME:	**1102**	**1106**	**1108**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**842**	**51**	**52**				
ODOR	**none**	**none**	**None**				
pH	**6.77**	**6.81**	**6.87**				
CONDUCTIVITY	**.808**	**.798**	**.821**				
WATER TEMP.	**20.6**	**21.0**	**21.0**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 28

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1430
TYPE: flush mount well	STOP: 1510
DEPTH TO BOTTOM OF WELL: 15.1 ft	VOLUME PURGED: 3 WV (27 gallons)
DEPTH TO WATER SURFACE: 1.2 ft	COMMENTS:
LENGTH OF WATER: 13.8 ft	COMPLETION: yes
VOLUME OF WATER: 9.0 gallons	SAMPLE COLLECTED: 1510
3 VOLUMES OF WATER: 27 gallons	

IN SITU TESTING

TIME:	**1445**	**1454**	**1510**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**154**	**100**	**142**				
ODOR	**none**	**none**	**None**				
pH	**6.87**	**6.89**	**6.85**				
CONDUCTIVITY	**1.68**	**1.69**	**1.69**				
WATER TEMP.	**20.0**	**20.1**	**19.9**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 27

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1025
TYPE: flush mount well	STOP: 1047
DEPTH TO BOTTOM OF WELL: 14.8 ft	VOLUME PURGED: 3 WV (19.8 gallons)
DEPTH TO WATER SURFACE: 4.6 ft	COMMENTS:
LENGTH OF WATER: 10.2 ft	COMPLETION: yes
VOLUME OF WATER: 6.6 gallons	SAMPLE COLLECTED: 1047
3 VOLUMES OF WATER: 19.8 gallons	

IN SITU TESTING

TIME:	**1033**	**1041**	**1047**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**62**	**42**	**52**				
ODOR	**none**	**none**	**None**				
pH	**6.8**	**6.84**	**6.85**				
CONDUCTIVITY	**.930**	**.839**	**.763**				
WATER TEMP.	**20.6**	**21.3**	**21.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 26

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 0950
TYPE: flush mount well	STOP: 1020
DEPTH TO BOTTOM OF WELL: 15.4 ft	VOLUME PURGED: 4 WV (28 gallons)
DEPTH TO WATER SURFACE: 4.4 ft	COMMENTS:
LENGTH OF WATER: 11 ft	COMPLETION: yes
VOLUME OF WATER: 7 gallons	SAMPLE COLLECTED: 1020
3 VOLUMES OF WATER: 21 gallons	

IN SUTU TESTING

TIME:	**0958**	**1007**	**1012**	**1020**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**94**	**82**	**104**	**424**			
ODOR	**none**	**none**	**None**	**none**			
pH	**6.97**	**7.02**	**7.24**	**7.20**			
CONDUCTIVITY	**.861**	**.859**	**.864**	**.866**			
TEMPERATURE (C)	**19.9**	**19.2**	**19.4**	**19.8**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 11/30/05
JOB No: 05-526	Well ID: MW 25

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 1550
TYPE: flush mount well	STOP: 1625
DEPTH TO BOTTOM OF WELL: 15ft	VOLUME PURGED: 3 WV (15.7 gallons)
DEPTH TO WATER SURFACE: 6.94 ft	COMMENTS:
LENGTH OF WATER: 8 ft	COMPLETION: yes
VOLUME OF WATER: 5.2 gallons	SAMPLE COLLECTED: 1625
3 VOLUMES OF WATER: 15.7 gallons	

IN SITU TESTING

TIME:	**1550**	**1600**	**1605**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**999**	**999**	**999**				
ODOR	**none**	**none**	**none**				
pH	**7.15**	**7.09**	**7.07**				
CONDUCTIVITY	**.555**	**.546**	**.589**				
WATER TEMP.	**21.7**	**21.7**	**21.5**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW24

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 50° Sunny

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 0850
TYPE: flush mount well	STOP: 0915
DEPTH TO BOTTOM OF WELL: 15ft	VOLUME PURGED: 3 WV (17.7 gallons)
DEPTH TO WATER SURFACE: 5.92 ft	COMMENTS:
LENGTH OF WATER: 9 ft	COMPLETION: yes
VOLUME OF WATER: 5.9 gallons	SAMPLE COLLECTED: 0920
3 VOLUMES OF WATER: 17.7 gallons	

IN SITU TESTING

TIME:	**0850**	**0900**	**0915**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**999**	**999**	**305**				
ODOR	**none**	**none**	**none**				
pH	**6.34**	**6.69**	**6.72**				
CONDUCTIVITY	**.411**	**.373**	**.374**				
WATER TEMP.	**19.4**	**20.7**	**21.5**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 11/30/2005
JOB No: 05-526	Well ID: MW 23

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 115
TYPE: flush mount well	STOP: 1600
DEPTH TO BOTTOM OF WELL: 15.1 ft	VOLUME PURGED: 3 WV (20 gallons)
DEPTH TO WATER SURFACE: 4.73 ft	COMMENTS:
LENGTH OF WATER: 10.4 ft	COMPLETION: yes
VOLUME OF WATER: 6.8 gallons	SAMPLE COLLECTED: 1600
3 VOLUMES OF WATER: 20 gallons	

IN SUTU TESTING

TIME:	**1530**	**1545**	**1600**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**87**	**44**	**46**				
ODOR	**none**	**none**	**None**				
pH	**7.01**	**6.95**	**6.95**				
CONDUCTIVITY	**.545**	**.533**	**.530**				
TEMPERATURE (C)	**21.0**	**21.1**	**20.9**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 11/30/05
JOB No: 05-526	Well ID: MW 22

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1500
TYPE: flush mount well	STOP: 1545
DEPTH TO BOTTOM OF WELL: 14.8ft	VOLUME PURGED: 3 WV (20.1 gallons)
DEPTH TO WATER SURFACE:4.5 ft	COMMENTS:
LENGTH OF WATER: 10.3 ft	COMPLETION: yes
VOLUME OF WATER: 6.7 gallons	SAMPLE COLLECTED: 1545
3 VOLUMES OF WATER:20.1 gallons	

IN SITU TESTING

TIME:	**1510**	**1515**	**1525**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**999**	**999**	**999**				
ODOR	**none**	**none**	**none**				
pH	**7.30**	**7.31**	**7.38**				
CONDUCTIVITY	**.955**	**.951**	**.925**				
WATER TEMP.	**21.5**	**21.1**	**21.2**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 20

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1530
TYPE: flush mount well	STOP: 1540
DEPTH TO BOTTOM OF WELL: 12.5 ft	VOLUME PURGED: 3 WV (4.5 gallons)
DEPTH TO WATER SURFACE: 3.2 ft	COMMENTS:
LENGTH OF WATER: 9.3 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1540
3 VOLUMES OF WATER: 4.5 gallons	

IN SITU TESTING

TIME:	**1531**	**1534**	**1538**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**324**	**43**	**230**				
ODOR	**none**	**none**	**none**				
pH	**6.63**	**6.71**	**6.69**				
CONDUCTIVITY	**.527**	**.715**	**.608**				
WATER TEMP.	**20.8**	**20.3**	**21.0**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 19

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1405
TYPE: flush mount well	STOP: 1418
DEPTH TO BOTTOM OF WELL: 14.0 ft	VOLUME PURGED: 3 WV (4.2 gallons)
DEPTH TO WATER SURFACE: 5.33 ft	COMMENTS:
LENGTH OF WATER: 8.67 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 1418
3 VOLUMES OF WATER: 4.2 gallons	

IN SITU TESTING

TIME:	**1408**	**1416**	**1418**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**930**	**50**	**62**				
ODOR	**none**	**none**	**None**				
pH	**6.86**	**6.86**	**6.87**				
CONDUCTIVITY	**.946**	**1.13**	**1.13**				
WATER TEMP.	**21.0**	**21.9**	**21.6**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 17

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 0935
TYPE: flush mount well	STOP: 0942
DEPTH TO BOTTOM OF WELL: 14.2 ft	VOLUME PURGED: 3 WV (5.1 gallons)
DEPTH TO WATER SURFACE: 3.9 ft	COMMENTS:
LENGTH OF WATER: 10.3 ft	COMPLETION: yes
VOLUME OF WATER: 1.7 gallons	SAMPLE COLLECTED: 0942
3 VOLUMES OF WATER: 5.1 gallons	

IN SUTU TESTING

TIME:	**0938**	**0939**	**0942**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**446**	**72**	**70**				
ODOR	**none**	**none**	**None**				
pH	**7.3**	**7.29**	**7.26**				
CONDUCTIVITY	**.911**	**.907**	**.914**				
TEMPERATURE (C)	**19.7**	**19.8**	**18.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW16

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 50° Sunny

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1050
TYPE: flush mount well	STOP: 1100
DEPTH TO BOTTOM OF WELL: 12.8.4ft	VOLUME PURGED: 4 WV (6 gallons)
DEPTH TO WATER SURFACE: 3.8 ft	COMMENTS:
LENGTH OF WATER: 9 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1100
3 VOLUMES OF WATER: 4.5 gallons	

IN SITU TESTING

TIME:	**1050**	**1053**	**1056**	**1100**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**49**	**50**	**48**	**48**			
ODOR	**none**	**none**	**none**	**none**			
pH	**6.40**	**6.42**	**6.50**	**6.52**			
CONDUCTIVITY	**.296**	**.317**	**.457**	**.437**			
WATER TEMP.	**20.3**	**20.3**	**20.8**	**20.7**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW15

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 50° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1015
TYPE: flush mount well	STOP: 1030
DEPTH TO BOTTOM OF WELL: 14.4ft	VOLUME PURGED: 3 WV (3.36 gallons)
DEPTH TO WATER SURFACE: 7.5 ft	COMMENTS:
LENGTH OF WATER: 6.9 ft	COMPLETION: yes
VOLUME OF WATER: 1.12 gallons	SAMPLE COLLECTED: 1030
3 VOLUMES OF WATER: 3.36 gallons	

IN SITU TESTING

TIME:	**1015**	**1025**	**1030**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**23**	**79**	**42**				
ODOR	**none**	**none**	**none**				
pH	**6.90**	**6.90**	**6.81**				
CONDUCTIVITY	**.499**	**.514**	**.494**				
WATER TEMP.	**20.8**	**21.2**	**21.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW 14

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 0850
TYPE: flush mount well	STOP: 0900
DEPTH TO BOTTOM OF WELL: 13.2 ft	VOLUME PURGED: 5 WV (7 gallons)
DEPTH TO WATER SURFACE: 4.4 ft	COMMENTS:
LENGTH OF WATER: 8.8 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 0900
3 VOLUMES OF WATER: 4.2 gallons	

IN SUTU TESTING

TIME:	**0850**	**0853**	**0855**	**0857**	**0900**		
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**	**5wv**		
TURBIDITY	**22**	**30**	**33**	**12**	**72**		
ODOR	**none**	**none**	**None**	**none**	**none**		
pH	**6.82**	**6.83**	**6.89**	**6.88**	**7.03**		
CONDUCTIVITY	**.621**	**.701**	**.746**	**.809**	**.775**		
TEMPERATURE (C)	**18.9**	**19.4**	**20.2**	**19.7**	**18.1**		

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 11

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1452
TYPE: flush mount well	STOP: 1500
DEPTH TO BOTTOM OF WELL: 13.4 ft	VOLUME PURGED: 3 WV (4.5 gallons)
DEPTH TO WATER SURFACE: 4.0 ft	COMMENTS:
LENGTH OF WATER: 9.4 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1500
3 VOLUMES OF WATER: 4.5 gallons	

IN SITU TESTING

TIME:	**1456**	**1459**	**1500**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**109**	**85**	**73**				
ODOR	**none**	**none**	**none**				
pH	**7.05**	**7.10**	**7.08**				
CONDUCTIVITY	**.835**	**.903**	**.910**				
WATER TEMP.	**19.3**	**21.0**	**21.3**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW10

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 50° Sunny

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1402
TYPE: flush mount well	STOP: 1410
DEPTH TO BOTTOM OF WELL: 14.6ft	VOLUME PURGED:3 WV (4.2 gallons)
DEPTH TO WATER SURFACE: 5.9 ft	COMMENTS:
LENGTH OF WATER: 8.7 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 1410
3 VOLUMES OF WATER: 4.2 gallons	

IN SITU TESTING

TIME:	**1404**	**1406**	**1410**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**59**	**53**	**80**				
ODOR	**none**	**none**	**none**				
pH	**6.79**	**6.80**	**6.81**				
CONDUCTIVITY	**1.04**	**1.08**	**1.05**				
WATER TEMP.	**21.7**	**20.2**	**20.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 9

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1514
TYPE: flush mount well	STOP: 1519
DEPTH TO BOTTOM OF WELL: 14.9 ft	VOLUME PURGED: 3 WV (3.5 gallons)
DEPTH TO WATER SURFACE: 7.7 ft	COMMENTS:
LENGTH OF WATER: 7.2 ft	COMPLETION: yes
VOLUME OF WATER: 1.17 gallons	SAMPLE COLLECTED: 1520
3 VOLUMES OF WATER: 3.5 gallons	

IN SITU TESTING

TIME:	**1514**	**1516**	**1519**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**43**	**50**	**51**				
ODOR	**none**	**none**	**none**				
pH	**6.67**	**6.66**	**6.69**				
CONDUCTIVITY	**.759**	**.803**	**.806**				
WATER TEMP.	**21.4**	**21.0**	**21.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005
JOB No: 05-526	Well ID: MW8

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1535
TYPE: flush mount well	STOP: 1545
DEPTH TO BOTTOM OF WELL: 13ft	VOLUME PURGED: 3 WV (4.5 gallons)
DEPTH TO WATER SURFACE: 3.5 ft	COMMENTS: water under well cap, not in tube
LENGTH OF WATER: 9.5 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1545
3 VOLUMES OF WATER: 4.5 gallons	

IN SUTU TESTING

TIME:	**1540**	**1543**	**1545**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**6**	**126**	**18**				
ODOR	**none**	**none**	**None**				
pH	**6.97**	**7.04**	**7.02**				
CONDUCTIVITY	**.820**	**.961**	**.836**				
WATER TEMP.	**21.0**	**20.1**	**20.2**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/02/2005
JOB No: 05-526	Well ID: MW 5

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 0815
TYPE: flush mount well	STOP: 0825
DEPTH TO BOTTOM OF WELL: 15.2 ft	VOLUME PURGED: 3 WV (5.4 gallons)
DEPTH TO WATER SURFACE: 6.7 ft	COMMENTS:
LENGTH OF WATER: 8.5 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 1620
3 VOLUMES OF WATER: 5.4 gallons	

IN SITU TESTING

TIME:	**0821**	**0823**	**0825**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**610**	**12**	**38**				
ODOR	**none**	**none**	**None**				
pH	**6.78**	**6.70**	**6.73**				
CONDUCTIVITY	**0.166**	**0.140**	**0.160**				
WATER TEMP.	**19.9**	**20.5**	**20.5**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/02/2005
JOB No: 05-526	Well ID: MW 4

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 0835
TYPE: flush mount well	STOP: 0847
DEPTH TO BOTTOM OF WELL: 13.1 ft	VOLUME PURGED: 3 WV (5.4 gallons)
DEPTH TO WATER SURFACE: 4.3 ft	COMMENTS: rust-colored water
LENGTH OF WATER: 8.8 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 0847
3 VOLUMES OF WATER: 5.4 gallons	

IN SITU TESTING

TIME:	**0840**	**0842**	**0846**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**6.14**	**101**	**87**				
ODOR	**none**	**none**	**None**				
pH	**6.38**	**6.20**	**6.06**				
CONDUCTIVITY	**0.046**	**0.047**	**0.045**				
WATER TEMP.	**19.3**	**19.8**	**20.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/05
JOB No: 05-526	Well ID: MW 3

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY:

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1610
TYPE: flush mount well	STOP: 1631
DEPTH TO BOTTOM OF WELL: 14.2 ft	VOLUME PURGED: 3 WV (4.2gallons)
DEPTH TO WATER SURFACE: 5.6 ft	COMMENTS:
LENGTH OF WATER: 8.6 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 1631
3 VOLUMES OF WATER: 4.2 gallons	

IN SITU TESTING

TIME:	**1626**	**1627**	**1631**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**23**	**44**	**46**				
ODOR	**none**	**none**	**None**				
pH	**6.26**	**6.26**	**6.28**				
CONDUCTIVITY	**.063**	**.061**	**.059**				
WATER TEMP.	**20.4**	**20.4**	**20.6**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/01/2005

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1555
TYPE: flush mount well	STOP: 1620
DEPTH TO BOTTOM OF WELL: 13.85 ft	VOLUME PURGED: 5 WV (6.0 gallons)
DEPTH TO WATER SURFACE: 6.24 ft	COMMENTS:
LENGTH OF WATER: 7.6 ft	COMPLETION: yes
VOLUME OF WATER: 1.2 gallons	SAMPLE COLLECTED: 1620
3 VOLUMES OF WATER: 3.6 gallons	

IN SUTU TESTING

TIME:	**1612**	**1613**	**1615**	**1617**	**1619**		
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**	**5wv**		
TURBIDITY	**59**	**84**	**182**	**116**	**141**		
ODOR	**none**	**none**	**None**	**none**	**none**		
pH	**7.50**	**7.11**	**6.93**	**6.72**	**6.62**		
CONDUCTIVITY	**.058**	**.063**	**.070**	**.072**	**.068**		
WATER TEMP.	**21.7**	**21.6**	**21.3**	**21.8**	**21.6**		

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 12/02/2005
JOB No: 05-526	Well ID: MW 35

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 0900
TYPE: flush mount well	STOP: 0935
DEPTH TO BOTTOM OF WELL: 15 ft	VOLUME PURGED: 3 WV (20.5 gallons)
DEPTH TO WATER SURFACE: 4.5 ft	COMMENTS: rust-colored water
LENGTH OF WATER: 11 ft	COMPLETION: yes
VOLUME OF WATER: 6.8 gallons	SAMPLE COLLECTED: 0935
3 VOLUMES OF WATER: 20..5 gallons	

IN SITU TESTING

TIME:	**0909**	**0922**	**0934**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**400**	**949**	**999**				
ODOR	**none**	**none**	**None**				
pH	**5.88**	**5.93**	**6.05**				
CONDUCTIVITY	**.038**	**.056**	**.067**				
WATER TEMP.	**19.7**	**20.3**	**20.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW-2

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: SCM

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 13:15
TYPE: flush mount well	STOP: 13:48
DEPTH TO BOTTOM OF WELL: 13.85 ft	VOLUME PURGED: 4 WV
DEPTH TO WATER SURFACE: 6.71 ft	COMMENTS: water is orange-brown
LENGTH OF WATER: 7.14 ft	COMPLETION: yes
VOLUME OF WATER: 1.16 gallons	SAMPLE COLLECTED: 13:48
3 VOLUMES OF WATER: 3.48 gallons	

IN SUTU TESTING

TIME:	**1325**	**1330**	**1338**	**1343**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**-10**	**-10**	**-10**	**-10**			
ODOR	**none**	**none**	**none**	**none**			
pH	**5.55**	**5.45**	**5.29**	**5.33**			
CONDUCTIVITY	**.102**	**.084**	**.081**	**.079**			
WATER TEMP.	**19.9**	**19.0**	**19.0**	**19.0**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW-3

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY:

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1411
TYPE: flush mount well	STOP: 1453
DEPTH TO BOTTOM OF WELL: 14.2 ft	VOLUME PURGED: 3 WV (4.5gallons)
DEPTH TO WATER SURFACE: 5.0 ft	COMMENTS:
LENGTH OF WATER: 9.2 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1453
3 VOLUMES OF WATER: 4.5 gallons	

IN SITU TESTING

TIME:	**1416**	**1430**	**1438**	**1445**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**-10**	**67**	**136**	**119**			
ODOR	**none**	**none**	**none**	**none**			
pH	**6.02**	**6.06**	**5.99**	**5.95**			
CONDUCTIVITY	**.099**	**.101**	**.096**	**.097**			
WATER TEMP.	**20.5**	**19.5**	**19.4**	**19.2**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW 4

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1315
TYPE: flush mount well	STOP: 1348
DEPTH TO BOTTOM OF WELL: 13.1 ft	VOLUME PURGED: 4 WV (5.56 gallons)
DEPTH TO WATER SURFACE: 4.58 ft	COMMENTS: rust-colored water
LENGTH OF WATER: 8.52 ft	COMPLETION: yes
VOLUME OF WATER: 1.39 gallons	SAMPLE COLLECTED: 1348
3 VOLUMES OF WATER: 4.17 gallons	

IN SITU TESTING

TIME:	**1325**	**1330**	**1338**	**1343**			
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**	**4wv**			
TURBIDITY	**-10**	**-10**	**-10**	**-10**			
ODOR	**none**	**none**	**None**	**none**			
pH	**5.55**	**5.40**	**5.29**	**5.33**			
CONDUCTIVITY	**.102**	**.084**	**.081**	**.079**			
WATER TEMP.	**19.9**	**19.0**	**19.0**	**19.0**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW 5

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1330
TYPE: flush mount well	STOP: 1345
DEPTH TO BOTTOM OF WELL: 15.2 ft	VOLUME PURGED: 3 WV (5.4 gallons)
DEPTH TO WATER SURFACE: 4.07 ft	COMMENTS:
LENGTH OF WATER: 11.13 ft	COMPLETION: yes
VOLUME OF WATER: 1.81 gallons	SAMPLE COLLECTED: 1345
3 VOLUMES OF WATER: 5.43 gallons	

IN SITU TESTING

TIME:	**1330**	**1335**	**1342**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**38**	**96**	**79**				
ODOR	**No**	**No**	**No**				
pH	**7.02**	**7.02**	**6.99**				
CONDUCTIVITY	**0.149**	**0.152**	**0.153**				
WATER TEMP.	**20.0**	**19.6**	**19.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW8

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1525
TYPE: flush mount well	STOP: 1555
DEPTH TO BOTTOM OF WELL: 13ft	VOLUME PURGED: 3 WV (4.44 gallons)
DEPTH TO WATER SURFACE: 3.86 ft	COMMENTS:
LENGTH OF WATER: 9.14 ft	COMPLETION: yes
VOLUME OF WATER: 1.48 gallons	SAMPLE COLLECTED: 1555
3 VOLUMES OF WATER: 4.44 gallons	

IN SUTU TESTING

TIME:	**1538**	**1545**	**1551**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**116**	**44**	**8**				
ODOR	**none**	**none**	**None**				
pH	**7.87**	**8.16**	**8.03**				
CONDUCTIVITY	**.769**	**.757**	**.752**				
WATER TEMP.	**19.3**	**19.0**	**18.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/06
JOB No: 05-526	Well ID: MW 9

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1315
TYPE: flush mount well	STOP: 1340
DEPTH TO BOTTOM OF WELL: 14.9 ft	VOLUME PURGED: 3 WV (3.36 gallons)
DEPTH TO WATER SURFACE: 8.01 ft	COMMENTS:
LENGTH OF WATER: 6.89 ft	COMPLETION: yes
VOLUME OF WATER: 1.12 gallons	SAMPLE COLLECTED: 1340
3 VOLUMES OF WATER: 3.36 gallons	

IN SITU TESTING

TIME:	**1315**	**1325**	**1335**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**257**	**188**	**58**				
ODOR	**none**	**none**	**none**				
pH	**6.46**	**6.55**	**6.56**				
CONDUCTIVITY	**.487**	**.568**	**.554**				
WATER TEMP.	**18.5**	**18.8**	**18.6**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/06
JOB No: 05-526	Well ID: MW10

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: SCM

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 10:15
TYPE: flush mount well	STOP: 10:35
DEPTH TO BOTTOM OF WELL: 14.6ft	VOLUME PURGED:3 WV (4.2 gallons)
DEPTH TO WATER SURFACE: 6.01 ft	COMMENTS:
LENGTH OF WATER: 8.59 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 10:35
3 VOLUMES OF WATER: 4.2 gallons	

IN SITU TESTING

TIME:	**1021**	**1025**	**1032**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**22**	**185**	**80**				
ODOR	**none**	**none**	**none**				
pH	**7.51**	**7.56**	**7.55**				
CONDUCTIVITY	**1.31**	**1.38**	**1.38**				
WATER TEMP.	**18.4**	**18.4**	**18.3**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW 11

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1540
TYPE: flush mount well	STOP: 1600
DEPTH TO BOTTOM OF WELL: 13.4 ft	VOLUME PURGED: 3 WV (4.41 gallons)
DEPTH TO WATER SURFACE: 4.39 ft	COMMENTS:
LENGTH OF WATER: 9.01 ft	COMPLETION: yes
VOLUME OF WATER: 1.47 gallons	SAMPLE COLLECTED: 1600
3 VOLUMES OF WATER: 4.41 gallons	

IN SITU TESTING

TIME:	**1540**	**1545**	**1555**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**-10**	**106**	**-10**				
ODOR	**none**	**none**	**none**				
pH	**6.91**	**6.97**	**6.97**				
CONDUCTIVITY	**.868**	**.889**	**.899**				
WATER TEMP.	**19.2**	**18.9**	**18.6**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 14

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1405
TYPE: flush mount well	STOP: 1420
DEPTH TO BOTTOM OF WELL: 13.2 ft	VOLUME PURGED: 3 WV (4.29 gallons)
DEPTH TO WATER SURFACE: 4.42 ft	COMMENTS:
LENGTH OF WATER: 8.78 ft	COMPLETION: yes
VOLUME OF WATER: 1.43 gallons	SAMPLE COLLECTED: 1420
3 VOLUMES OF WATER: 4.29 gallons	

IN SUTU TESTING

TIME:	**1409**	**1412**	**1416**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**106**	**111**	**116**				
ODOR	**none**	**none**	**None**				
pH	**6.92**	**6.91**	**6.94**				
CONDUCTIVITY	**.793**	**.810**	**.759**				
TEMPERATURE (C)	**18.7**	**18.4**	**18.5**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW15

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1430
TYPE: flush mount well	STOP: 1445
DEPTH TO BOTTOM OF WELL: 14.4ft	VOLUME PURGED: 3 WV (3.18 gallons)
DEPTH TO WATER SURFACE: 7.85 ft	COMMENTS:
LENGTH OF WATER: 6.55 ft	COMPLETION: yes
VOLUME OF WATER: 1.06 gallons	SAMPLE COLLECTED: 1445
3 VOLUMES OF WATER: 3.18 gallons	

IN SITU TESTING

TIME:	**1433**	**1436**	**1439**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**232**	**9**	**12**				
ODOR	**none**	**none**	**none**				
pH	**6.79**	**6.56**	**6.54**				
CONDUCTIVITY	**.217**	**.249**	**.240**				
WATER TEMP.	**18.7**	**18.9**	**18.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW16

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1455
TYPE: flush mount well	STOP: 1508
DEPTH TO BOTTOM OF WELL: 12.8.4ft	VOLUME PURGED: 3 WV (4.5 gallons)
DEPTH TO WATER SURFACE: 3.78 ft	COMMENTS:
LENGTH OF WATER: 9.02 ft	COMPLETION: yes
VOLUME OF WATER: 1.5 gallons	SAMPLE COLLECTED: 1508
3 VOLUMES OF WATER: 4.5 gallons	

IN SITU TESTING

TIME:	**1458**	**1501**	**1505**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**2**	**5**	**6**				
ODOR	**none**	**none**	**none**				
pH	**6.40**	**6.26**	**6.30**				
CONDUCTIVITY	**.147**	**.145**	**.158**				
WATER TEMP.	**18.6**	**18.2**	**18.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW-17

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: SCM

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 15:15
TYPE: flush mount well	STOP: 15:35
DEPTH TO BOTTOM OF WELL: 14.2 ft	VOLUME PURGED: 3 WV (5.1 gallons)
DEPTH TO WATER SURFACE: 3.75 ft	COMMENTS:
LENGTH OF WATER: 10.45 ft	COMPLETION: yes
VOLUME OF WATER: 1.7 gallons	SAMPLE COLLECTED: 15:35
3 VOLUMES OF WATER: 5.1 gallons	

IN SUTU TESTING

TIME:	**1521**	**1525**	**1529**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**518**	**475**	**435**				
ODOR	**none**	**none**	**none**				
pH	**7.26**	**7.25**	**7.30**				
CONDUCTIVITY	**.853**	**.862**	**.865**				
TEMPERATURE (C)	**19.1**	**18.6**	**19.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 19

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: B. Crawford

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1300
TYPE: flush mount well	STOP: 1325
DEPTH TO BOTTOM OF WELL: 14.0 ft	VOLUME PURGED: 3 WV (4.2 gallons)
DEPTH TO WATER SURFACE: 5.33 ft	COMMENTS:
LENGTH OF WATER: 8.67 ft	COMPLETION: yes
VOLUME OF WATER: 1.4 gallons	SAMPLE COLLECTED: 1325
3 VOLUMES OF WATER: 4.2 gallons	

IN SITU TESTING

TIME:	**1305**	**1309**	**1320**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**344**	**226**	**999**				
ODOR	**none**	**none**	**None**				
pH	**7.68**	**7.64**	**7.61**				
CONDUCTIVITY	**1.01**	**1.03**	**1.00**				
WATER TEMP.	**18.2**	**18.1**	**18.3**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW 20

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 2”	START: 1545
TYPE: flush mount well	STOP: 1600
DEPTH TO BOTTOM OF WELL: 12.5 ft	VOLUME PURGED: 3 WV (4.5 gallons)
DEPTH TO WATER SURFACE: 3.52 ft	COMMENTS:
LENGTH OF WATER: 8.98 ft	COMPLETION: yes
VOLUME OF WATER: 1.46 gallons	SAMPLE COLLECTED: 1600
3 VOLUMES OF WATER: 4.38 gallons	

IN SITU TESTING

TIME:	**1546**	**1550**	**1554**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**615**	**76**	**65**				
ODOR	**none**	**none**	**none**				
pH	**7.26**	**7.83**	**7.80**				
CONDUCTIVITY	**.420**	**.759**	**.781**				
WATER TEMP.	**20.7**	**19.4**	**19.2**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 22

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 60° Sunny

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 0855
TYPE: flush mount well	STOP: 0944
DEPTH TO BOTTOM OF WELL: 14.8ft	VOLUME PURGED: 3 WV (20.1 gallons)
DEPTH TO WATER SURFACE: 4.51 ft	COMMENTS:
LENGTH OF WATER: 10.29 ft	COMPLETION: yes
VOLUME OF WATER: 6.7 gallons	SAMPLE COLLECTED: 0944
3 VOLUMES OF WATER:20.1 gallons	

IN SITU TESTING

TIME:	**0855**	**0910**	**0933**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**373**	**247**	**251**				
ODOR	**none**	**none**	**none**				
pH	**6.75**	**6.99**	**7.06**				
CONDUCTIVITY	**.97**	**.93**	**1.01**				
WATER TEMP.	**17.7**	**17.8**	**17.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 23

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1012
TYPE: flush mount well	STOP: 1047
DEPTH TO BOTTOM OF WELL: 15.1 ft	VOLUME PURGED: 3 WV (19.86 gallons)
DEPTH TO WATER SURFACE: 4.94 ft	COMMENTS:
LENGTH OF WATER: 10.16 ft	COMPLETION: yes
VOLUME OF WATER: 6.62 gallons	SAMPLE COLLECTED: 1047
3 VOLUMES OF WATER: 19.86 gallons	

IN SUTU TESTING

TIME:	**1015**	**1029**	**1041**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**409**	**112**	**127**				
ODOR	**none**	**none**	**None**				
pH	**6.85**	**6.94**	**6.93**				
CONDUCTIVITY	**.462**	**.477**	**.493**				
TEMPERATURE (C)	**18.0**	**18.0**	**18.0**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW24

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 1300
TYPE: flush mount well	STOP: 1342
DEPTH TO BOTTOM OF WELL: 15ft	VOLUME PURGED: 3 WV (17.4 gallons)
DEPTH TO WATER SURFACE: 6.09 ft	COMMENTS:
LENGTH OF WATER: 8.91 ft	COMPLETION: yes
VOLUME OF WATER: 5.8 gallons	SAMPLE COLLECTED: 1342
3 VOLUMES OF WATER: 17.4 gallons	

IN SITU TESTING

TIME:	**1302**	**1324**	**1336**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**270**	**745**	**532**				
ODOR	**none**	**none**	**none**				
pH	**6.65**	**6.66**	**6.72**				
CONDUCTIVITY	**.405**	**.402**	**.405**				
WATER TEMP.	**18.4**	**18.7**	**18.7**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 25

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1005
TYPE: flush mount well	STOP: 1100
DEPTH TO BOTTOM OF WELL: 15.0 ft	VOLUME PURGED: 3 WV (15.4 gallons)
DEPTH TO WATER SURFACE: 7.08 ft	COMMENTS:
LENGTH OF WATER: 7.92 ft	COMPLETION: yes
VOLUME OF WATER: 5.16 gallons	SAMPLE COLLECTED: 1100
3 VOLUMES OF WATER: 15.4 gallons	

IN SITU TESTING

TIME:	**1023**	**1040**	**1055**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**53**	**61**	**161**				
ODOR	**none**	**none**	**none**				
pH	**6.92**	**6.91**	**6.91**				
CONDUCTIVITY	**.595**	**.606**	**.609**				
WATER TEMP.	**18.5**	**18.6**	**18.3**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 26

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1410
TYPE: flush mount well	STOP: 1505
DEPTH TO BOTTOM OF WELL: 15.4 ft	VOLUME PURGED: 3 WV (21.69 gallons)
DEPTH TO WATER SURFACE: 4.31 ft	COMMENTS:
LENGTH OF WATER: 11.09 ft	COMPLETION: yes
VOLUME OF WATER: 7.23 gallons	SAMPLE COLLECTED: 1505
3 VOLUMES OF WATER: 21.69 gallons	

IN SUTU TESTING

TIME:	**1427**	**1444**	**1500**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**19**	**13**	**64**				
ODOR	**none**	**none**	**None**				
pH	**8.05**	**8.02**	**7.95**				
CONDUCTIVITY	**.806**	**.809**	**.809**				
TEMPERATURE (C)	**19.0**	**19.0**	**18.8**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 27

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1410
TYPE: flush mount well	STOP: 1456
DEPTH TO BOTTOM OF WELL: 14.8 ft	VOLUME PURGED: 3 WV (20.13 gallons)
DEPTH TO WATER SURFACE: 4.5 ft	COMMENTS:
LENGTH OF WATER: 10.3 ft	COMPLETION: yes
VOLUME OF WATER: 6.71 gallons	SAMPLE COLLECTED: 1456
3 VOLUMES OF WATER: 20.13 gallons	

IN SITU TESTING

TIME:	**1420**	**1440**	**1450**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**121**	**178**	**66**				
ODOR	**none**	**none**	**None**				
pH	**7.62**	**7.70**	**7.67**				
CONDUCTIVITY	**1.02**	**.950**	**.920**				
WATER TEMP.	**18.9**	**18.7**	**18.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/06
JOB No: 05-526	Well ID: MW 28

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1430
TYPE: flush mount well	STOP: 1515
DEPTH TO BOTTOM OF WELL: 15.1 ft	VOLUME PURGED: 3 WV (27 gallons)
DEPTH TO WATER SURFACE: 1.27 ft	COMMENTS:
LENGTH OF WATER: 13.83 ft	COMPLETION: yes
VOLUME OF WATER: 9.0 gallons	SAMPLE COLLECTED: 1515
3 VOLUMES OF WATER: 27 gallons	

IN SITU TESTING

TIME:	**1430**	**1450**	**1510**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**98**	**52**	**63**				
ODOR	**none**	**none**	**None**				
pH	**7.59**	**7.60**	**7.58**				
CONDUCTIVITY	**1.69**	**1.72**	**1.66**				
WATER TEMP.	**19.0**	**18.7**	**19.1**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 29R

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Sunny, 60 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START: 1300
TYPE: flush mount well	STOP: 1330
DEPTH TO BOTTOM OF WELL: 15.0 ft	VOLUME PURGED: 3 WV (5.61 gallons)
DEPTH TO WATER SURFACE: 3.48 ft	COMMENTS:
LENGTH OF WATER: 11.52 ft	COMPLETION: yes
VOLUME OF WATER: 1.87 gallons	SAMPLE COLLECTED: 1330
3 VOLUMES OF WATER: 5.61 gallons	

IN SITU TESTING

TIME:	**1310**	**1318**	**1326**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**65**	**615**	**573**				
ODOR	**none**	**none**	**None**				
pH	**7.68**	**7.64**	**7.66**				
CONDUCTIVITY	**1.12**	**1.08**	**1.04**				
WATER TEMP.	**19.1**	**19.2**	**19.1**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 30

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 1015
TYPE: flush mount well	STOP: 1102
DEPTH TO BOTTOM OF WELL: 15.1ft	VOLUME PURGED: 3 WV (18.6 gallons)
DEPTH TO WATER SURFACE: 5.48 ft	COMMENTS: slight fuel odor/gray color
LENGTH OF WATER: 9.52 ft	COMPLETION: yes
VOLUME OF WATER: 6.20 gallons	SAMPLE COLLECTED: 1102
3 VOLUMES OF WATER: 18.6 gallons	

IN SITU TESTING

TIME:	1027	1041	1057				
WELL VOLUME PURGED	1wv	2wv	3wv				
TURBIDITY	334	194	469				
ODOR	mild	mild	mild				
pH	7.63	7.68	7.70				
CONDUCTIVITY	1.14	1.13	1.12				
WATER TEMP.	18.1	18.3	18.2				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW-31

PROJECT NAME: Charleston Naval Complex, Multiple Sites

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: Bailers	TYPE DEVICE: Bailers / U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 0840
TYPE: flush mount well	STOP: 0930
DEPTH TO BOTTOM OF WELL: 14.9ft	VOLUME PURGED: 4 WV (28 gallons)
DEPTH TO WATER SURFACE: 4.15 ft	COMMENTS:
LENGTH OF WATER: 10.75 ft	COMPLETION: yes
VOLUME OF WATER: 7.0 gallons	SAMPLE COLLECTED: 0930
3 VOLUMES OF WATER: 21 gallons	

IN SITU TESTING

TIME:	**0840**	**0850**	**0908**	**0930**			
WELL VOLUME PURGED	**.75 WV**	**1 WV**	**2 WV**	**3 WV**			
TURBIDITY	**10**	**64**	**65**	**13**			
ODOR	**None**	**None**	**None**	**None**			
pH	**6.89**	**7.70**	**7.96**	**7.96**			
CONDUCTIVITY	**.382**	**.387**	**.457**	**.489**			
WATER TEMP.	**17.8**	**17.7**	**17.7**	**17.7**			

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 32

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 0835
TYPE: flush mount well	STOP: 0925
DEPTH TO BOTTOM OF WELL: 15.1ft	VOLUME PURGED: 3 WV (21.7 gallons)
DEPTH TO WATER SURFACE: 4.0 ft	COMMENTS:
LENGTH OF WATER: 11.1 ft	COMPLETION: yes
VOLUME OF WATER: 7.23 gallons	SAMPLE COLLECTED: 0925
3 VOLUMES OF WATER: 21.7 gallons	

IN SITU TESTING

TIME:	**0850**	**0910**	**0920**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**68**	**18**	**37**				
ODOR	**none**	**none**	**none**				
pH	**7.39**	**7.65**	**7.72**				
CONDUCTIVITY	**.622**	**.615**	**.606**				
WATER TEMP.	**18.0**	**17.8**	**17.7**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/9/2006
JOB No: 05-526	Well ID: MW 33

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Overcast

REVIEWED BY: brc

PURGING DEVICE	SAMPLING DEVICE
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	PURGING
WELL DIAMETER: 4”	START: 0845
TYPE: flush mount well	STOP: 0950 VOLUME PURGED: 3 WV (26.08 gallons)
DEPTH TO BOTTOM OF WELL: 15.1ft	COMMENTS:
DEPTH TO WATER SURFACE: 5.49 ft	COMPLETION: yes
LENGTH OF WATER: 9.51 ft	SAMPLE COLLECTED: 0950
VOLUME OF WATER: 6.20 gallons	
3 VOLUMES OF WATER: 18.60 gallons	

IN SITU TESTING

TIME:	**0904**	**0924**	**0945**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**65**	**22**	**25**				
ODOR	**none**	**none**	**none**				
pH	**7.6**	**7.78**	**7.83**				
CONDUCTIVITY	**.884**	**.890**	**.904**				
WATER TEMP.	**18.1**	**18.3**	**18.4**				

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW-34

PROJECT NAME: CNC Multiple locations

WEATHER CONDITIONS: 65° Cloudy

REVIEWED BY: SCM

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 2”	START:
TYPE: flush mount well	STOP:
DEPTH TO BOTTOM OF WELL: 14.9 ft	VOLUME PURGED: n/a
DEPTH TO WATER SURFACE:	COMMENTS: Unable to sample well due to free product. Interface probe was malfunctioning, so bailers were used to determine stratification of the column. Photographs are included as Appendix C of the May 2006 monitoring report.
LENGTH OF WATER:	
VOLUME OF WATER:	COMPLETION: no
3 VOLUMES OF WATER:	SAMPLE COLLECTED: no

IN SITU TESTING

TIME:	n/a						
WELL VOLUME PURGED	n/a						
TURBIDITY	n/a						
ODOR	strong						
pH	n/a						
CONDUCTIVITY	n/a						
WATER TEMP.	n/a						

GROUND-WATER SAMPLING FORMS

LOCATION: Chicora Tank Farm	DATE: 5/8/2006
JOB No: 05-526	Well ID: MW 35

PROJECT NAME: CNC Multiple Sites

WEATHER CONDITIONS: Overcast, 65 degrees

REVIEWED BY: brc

PURGING DEVICE	**SAMPLING DEVICE**
TYPE DEVICE: bailers	TYPE DEVICE: bailers/ U-10 Horiba

INITIAL WELL VOLUME	**PURGING**
WELL DIAMETER: 4”	START: 1300
TYPE: flush mount well	STOP: 1410
DEPTH TO BOTTOM OF WELL: 15 ft	VOLUME PURGED: 3 WV (20.5 gallons)
DEPTH TO WATER SURFACE: 4.97 ft	COMMENTS: rust-colored water
LENGTH OF WATER: 10.03 ft	COMPLETION: yes
VOLUME OF WATER: 6.54 gallons	SAMPLE COLLECTED: 1410
3 VOLUMES OF WATER: 19.62 gallons	

IN SITU TESTING

TIME:	**1325**	**1343**	**1403**				
WELL VOLUME PURGED	**1wv**	**2wv**	**3wv**				
TURBIDITY	**57**	**81**	**62**				
ODOR	**none**	**none**	**none**				
pH	**5.45**	**6.44**	**6.52**				
CONDUCTIVITY	**.066**	**.088**	**.093**				
WATER TEMP.	**19.4**	**19.0**	**19.4**				

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 4.30
DTB = 14.90

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-528

WELL ID: MW-28
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
0831	4.30		6.95	0.787	184.0	1.03	22.74	-63	
0834			6.86	0.775	91.1	0.71	22.69	-55	
0837			6.76	0.751	115.0	0.53	22.39	-45	
0840			6.74	0.750	124.0	0.51	22.52	-41	
0843			6.73	0.735	112.0	0.49	22.57	-38	

Comments:

Sample Time: 0850

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 4.22
DTB = 13.85

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW 29R
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
0927	4.22		6.65	1.09	615.0	2.99	24.69	-151	
0930			6.66	1.08	516.0	1.64	24.82	-153	
0933			6.65	1.09	185.0	0.84	24.56	-149	
0936			6.66	1.09	165.0	0.86	24.56	-148	
0939			6.63	1.10	121.0	0.71	24.55	-144	
0942			6.63	1.10	108.0	0.61	24.56	-142	
		1 gallon							

Comments:

Sample Time: 0950

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 5.02
DTB = 15.10

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW27
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1021	5.02		6.61	0.96	57.4	1.06	23.46	-77	
1024			6.60	0.96	48.8	1.06	23.41	-78	
1027			6.58	0.96	45.4	0.66	23.34	-81	
1030			6.58	0.96	51.3	0.64	23.38	-82	
1033			6.57	0.96	56.8	0.57	23.30	-83	
		1.5gal.							

Comments:

Sample Time: 1040

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 4.45
DTB = 14.30

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW17
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1122	4.45		7.06	0.738	232.0	0.70	24.59	-119	
1125			7.07	0.765	63.7	0.57	23.17	-121	
1128			7.07	0.760	77.7	0.46	22.64	-123	
1131			7.07	0.759	88.0	0.46	22.67	-124	
1134			7.06	0.750	75.6	0.44	23.00	-124	
		1.5gal							

Comments:

Sample Time: 1145

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 4.79
DTB = 13.00

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW16
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1210	4.79		6.34	0.579	123.0	1.08	23.82	-58	
1213			6.33	0.579	109.0	0.95	24.03	-59	
1216			6.31	0.569	114.0	0.58	24.30	-57	
1219			6.29	0.563	113.0	0.56	24.19	-54	
1222			6.28	0.559	72.1	0.52	24.13	-52	
		1 gal.							

Comments:

Sample Time: 1230

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 8.42
DTB = 14.40

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW15
DATE: 08/06/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1301	8.42		6.35	0.535	116.0	0.84	25.71	-93	
1304			6.35	0.535	93.8	0.72	25.88	-98	
1307			6.36	0.537	94.4	0.61	26.15	-102	
1310			6.37	0.540	86.9	0.68	26.47	-105	
1313			6.37	0.570	134.0	0.53	25.57	-113	
		1 gal							

Comments:

Sample Time: 1320

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 6.20
DTB = 15.00

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW35
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
0910	6.55	0.95	5.02	0.307	27.6	1.7	23.05	220	
0913	6.58	1.13	5.03	0.426	18.2	2.2	22.96	216	
0916	6.60	1.33	5.08	0.383	15.3	2.28	22.90	206	
0919	6.62	1.55	5.12	0.305	13.8	2.23	22.87	198	
0921	6.62	1.70	5.15	0.215	8.2	2.25	22.83	190	
0924	6.63	1.90	5.19	0.170	7.2	2.19	22.81	181	

Comments:

Sample Time: 0925

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 5.75
DTB = 13.24

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW-4
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1005	6.10	0.9	5.53	0.146	230	0.37	23.17	51	
1008	6.11	1.12	5.50	0.167	159	0.40	23.10	56	
1011	6.12	1.50	5.48	0.217	85.5	0.32	22.90	63	
1014	6.13	1.90	5.48	0.125	66.2	0.39	22.91	66	

Comments:

Sample Time: 1015

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 6.35
DTB = 13.35

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW-3
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1104	6.57	0.80	5.67	0.265	1.7	1.85	24.77	197	
1107	6.58	1.23	5.66	0.298	1.0	1.71	24.70	194	
1110	6.59	1.50	5.65	0.280	0.5	1.67	24.65	190	

Comments:

Sample Time: 1115

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 7.55
DTB = 13.65

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW-2
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1213	7.8	0.75	5.64	0.451	2.2	0.80	24.09	-52	
1216	7.82	1.00	5.47	0.769	0.9	0.89	23.90	-29	
1219	7.84	1.25	5.40	0.900	1.2	0.87	23.99	-20	
1222	7.85	1.60	5.39	0.900	0.2	0.94	23.93	-15	
1226	7.85	2.00	5.38	0.900	0.2	0.99	23.94	-9	

Comments:

Sample Time: 1230

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 8.05
DTB = 14.95

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW-5
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1317	8.35	1.50	5.57	0.387	0.0	0.29	27.94	92	
1320	8.37	1.75	5.58	0.440	0.0	0.23	27.92	90	
1323	8.39	2.10	5.59	0.348	0.0	0.18	27.81	87	
1326	8.39	2.40	5.61	0.288	0.0	0.17	27.50	87	
1329	8.40	2.65	5.61	0.243	0.0	0.15	27.58	86	

Comments:

Sample Time: 1330

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 8.6
DTB = 14.7

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW-34R
DATE: 8/6/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1404		0.87	5.91	1.09	100.0	0.47	25.02	-128	
1408		1.45	5.91	1.03	73.3	0.18	25.05	-130	
1411		1.70	5.92	1.01	149	0.13	25.21	-130	
1414		2.00	5.93	0.98	150	0.07	25.23	-133	
1417		2.25	5.94	0.97	139	0.04	25.28	-134	

Comments:

Sample Time: 1420

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 5.25
DTB = 13.40

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW 14
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
0837			6.74	0.730	71.3	1.39	22.70	-120	
0840			6.60	0.726	67.5	1.16	22.49	-114	
0843			6.51	0.717	74.8	0.78	22.45	-109	
0846			6.45	0.717	55.3	0.72	22.20	-108	
0849			6.50	0.714	57.3	0.59	22.14	-109	
		2 gal							

Comments:

Sample Time: 0855

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 5.95
DTB = 14.00

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW19
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
0946			6.60	0.95	85.0	1.22	24.12	-156	
0949			6.61	0.99	71.4	0.54	23.90	-149	
0952			6.59	1.05	70.2	0.50	23.90	-143	
0955			6.58	1.08	69.6	0.49	23.78	-138	
0958			6.58	1.12	65.3	0.45	23.77	-136	
		1.5 gal							

Comments:

Sample Time: 1005

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 6.67
DTB = 14.80

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW-10
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1037			6.52	1.33	41.9	1.23	24.16	-142	
1040			6.54	1.31	41.3	0.88	23.99	-147	
1043			6.56	1.31	42.0	0.72	23.83	-151	
1046			6.57	1.31	43.8	0.59	23.65	-154	
1049			6.58	1.31	42.1	0.53	23.65	-155	
		1.75gal							

Comments:

Sample Time: 1055

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 6.65
DTB = 15.25

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW-30
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1134			6.60	1.16	47.9	1.32	23.68	-94	
1137			6.59	1.15	48.1	1.18	23.80	-97	
1140			6.59	1.14	48.7	0.81	23.90	-103	
1143			6.60	1.14	48.7	0.72	23.55	-107	
1146			6.60	1.14	50.7	0.69	23.49	-109	
		1.5 gal							

Comments:

Sample Time: 1150

ADVENT

LOW FLOW PURGE DATA SHEET

DTW = 5.88
DTB = 13.70

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538

WELL ID: MW-11
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1215			6.69	1.03	67.4	0.93	23.96	-107	
1218			6.68	1.02	64.0	0.70	23.92	-108	
1221			6.68	1.02	57.7	0.56	23.88	-109	
1224			6.68	1.02	41.6	0.58	24.09	-109	
1227			6.68	1.02	50.1	0.58	24.05	-109	
		1.5 gal							

Comments:

Sample Time: 1230

ADVENT

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
WELL ID: MW-20
DATE: 8/7/08

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1254			6.68	0.809	87.2	1.21	29.88	28	
1257			6.70	0.824	68.5	0.78	29.86	29	
1300			6.70	0.824	64.6	0.71	29.67	30	
1303			6.71	0.827	56.3	0.63	29.53	26	
		1 gal							

Comments:

Sample Time: 1328

ADVENT

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: CTF
PROJECT NUMBER: 08-538
Depth to Water: 5.35

WELL ID: MW-8
DATE: 8/7/08
DTB: 13.00

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1335			6.56	0.817	44.2	0.95	25.00	-138	
1338			6.63	0.811	43.5	0.75	24.93	-146	
1341			6.73	0.801	44.5	0.58	25.00	-159	
1344			6.75	0.800	44.2	0.58	25.02	-160	
		1.5 gals							

Comments:

Sample Time: 1350

DTW = 6.35
DTB = 14.8

ADVENT

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: Chicora
PROJECT NUMBER:

WELL ID: MW33
DATE: 8/7/8

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
908	6.85	.75	6.27	1.22	60.7	0.85	22.74	100	
912	6.85	1.18	6.35	1.11	9.4	3.77	22.79	86	
915	6.89	1.4	6.33	1.11	10.7	1.67	22.86	74	
919	6.9	1.8	6.34	1.10	11.2	0.78	22.83	71	
923	6.91	2.2	6.36	1.09	9.3	.57	22.8	74	
926	6.92	2.5	6.37	1.08	7.4	.52	22.78	76	

Comments: Slight sheen on water → could be due to residue left in bucket?

Sample Time: 930

ADVENT

LOW FLOW PURGE DATA SHEET

DTW 5.15
DTB 15.00

PROJECT SITE NAME: Chizora
PROJECT NUMBER:

WELL ID: MW32
DATE: 8/7/8

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1001	5.32	.35	6.7	0.90	14.1	0.70	22.10	-115	
1004	5.36	~~.95~~	6.67	0.90	9.6	0.49	22.00	~~-117~~	-117
1008	5.36	.95	6.64	0.935	9.0	0.51	22.13	-117	
1011	5.36	1.23	6.63	0.904	9.2	0.16	22.13	-118	
1014	5.38	1.5	6.67	.889	9.8	.20	22.08	-119	
1017		1.62	6.61	.864	10.3	.16	22.10	-120	

Comments:

Sample Time: 1020

DTW = 5.05
DTW = 14.45

ADVENT
Environmental Consulting and Design

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: Chicopa
PROJECT NUMBER:

WELL ID: MW31
DATE: 8/7/18

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1050	5.25	.25	6.97	.999	0.0	.75	22.6	-59	
1053	5.31	.6	6.37	.999	0	.39	22.14	-63	
1056	5.33	1.0	6.39	0.90	0	.26	22.05	-71	
1100	5.46	1.5	6.36	.796	0	.11	21.85	-83	
1103		1.85	6.38	.727	0	.04	21.81	-93	
1106		2.45	6.4	.720	2.4	0	21.79	-104	

Comments:

Sample Time: 1230

ADVENT
Environmental Consulting and Design

LOW FLOW PURGE DATA SHEET

DTW = 5.25
DTB = 14.75

PROJECT SITE NAME: Chicora
PROJECT NUMBER:

WELL ID: MW23
DATE: 8/18

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1235	5.38	1.1	6.46	.999	169	.18	22.9	-104	
1238	5.41	1.3	6.39	.999	1010	.18	22.74	-103	
1241		1.6	6.42	.90	6.1	.06	22.71	-104	
1244		1.85	6.43	.999	44.8	.02	22.66	-104	
1247			6.41	.999	28.2	.05	22.77	-105	

Comments:

Sample Time: 1255

DTW = 6.35
DTB = 14.65

ADVENT

LOW FLOW PURGE DATA SHEET

PROJECT SITE NAME: Chicora
PROJECT NUMBER:

WELL ID: MW24
DATE: 8/7/8

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
13:20	6.8	.9	6.29	.999	352	.12	23.48	-17	
13:23	6.8	1.2	6.25	.90	247	.17	23.67	-26	
13:26	6.8	1.3	6.21	.999	99.8	.11	23.81	-30	
13:29	6.8	1.5	6.26	.999	91.3	.16	23.94	-32	
13:32	6.8	1.8	6.24	.90	48.8	.09	23.9	-29	
13:35	6.8	2.0	6.23	.999	30.2	.08	23.74	-25	

Comments:

Sample Time: 13:40

ADVENT
Environmental Consulting and Design

LOW FLOW PURGE DATA SHEET

DTW = 8.65
DTB = 14.65

PROJECT SITE NAME: Chicora
PROJECT NUMBER:

WELL ID: MW 9
DATE: 8/7/18

Time (Hrs)	Water Level (Ft below TOC)	Volume (gal)	pH (S.U.)	Cond. (mS/cm)	Turb. (NTU)	DO (mg/L)	Temp. (Celcius)	ORP (mV)	Comments
1149	9.16	.6	6.04	.90	9.8	.48	24.09	-109	
1152	9.19	.83	6.05	.95	5.2	.21	23.74	-112	
1155	9.21	1.25	6.01	.999	4.0	.13	23.47	-111	
1200	9.25	1.8	6.07	.999	2.2	.10	23.47	-112	
1203	?	2.1	6.11	.90	2.2	.10	23.52	-111	

Comments:

Sample Time: 12:05

APPENDIX D

MANIFEST FOR SOIL DISPOSAL

11/19/2005 09:44 FAX 18435633375 WM OAKRIDGE LANDFILL 003/003

05-526

OAKRIDGE LANDFILL
A WASTE MANAGEMENT COMPANY

SPECIAL WASTE MANIFEST
Approval # VC 7693
Expiration: 02/17/06

CHICORA
TANK FARM

Generator: US NAVY

Account Number: 490-335

Location/Address: 1824 BAIN BRIDGE RD N CHARLESTON (10)

Tele Number: 843-563-8916 **Contact:** JIMMY BELIVEAU

Generator Signature:

********** TO BE COMPLETED BY TRANSPORTER **********

Transporter of Waste: **Truck:** 20

Date: 11-23-05 0830 **Driver's Signature:** Donald Hill

********** TO BE COMPLETED BY OAKRIDGE LANDFILL **********

Disposal Site: Oakridge Landfill DWP 130

Description of Waste: SOL/SOIL

Ticket Number: 340088 **Tonnage:** 30.62

Received By: **Date:** 11/23/05

2183 HWY 78, (POB 145), DORCHESTER, SC 29437
TEL: 843-563-2607, FAX: 843-563-4158

* Fax Final Copy To
843 388-1891
Advent Environmental

OAKRIDGE LANDFILL
A Waste Management Company
2183 Highway 78
Dorchester, SC 29437
(843) 563-2607 • (843) 563-4158 Fax

Signature: Donald Hill

WM 403-0049

OAKRIDGE LANDFILL
A WASTE MANAGEMENT COMPANY

SPECIAL WASTE MANIFEST
Approval # VC 7693
Expiration: 02/17/06

Generator: US NAVY

Account Number: 490-335

Location/Address: 1824 BAIN BRIDGE RD N CHARLESTON (10)

Tele Number: 843-563-8916 Contact: JIMMY BELIVEAU

Generator Signature: [signature]

********** TO BE COMPLETED BY TRANSPORTER **********

Transporter of Waste: Truck: 20

Date: 11-23-05 1115 hrs Driver's Signature: [signature]

********** TO BE COMPLETED BY OAKRIDGE LANDFILL **********

Disposal Site: Oakridge Landfill DWP 130

Description of Waste: SOL/SOIL

Ticket Number: 340128 Tonnage: 10.12

Received By: [signature] Date: 11.23.05

2183 HWY 78, (POB 145), DORCHESTER, SC 29437
TEL: 843-563-2607, FAX: 843-563-4158

US Water Recovery

Non-Hazardous Wastewater Manifest

Number:

1. Generator's EPA ID# (if applicable):

Waste ID Number:

2. Generator's Name and Mailing Address:
NAVFAC SOUTHEAST
PO BOX 190010, 2155 EAGLE DRIVE
N. CHARLESTON, SC 29419

Phone (843) 820-7307

PO#:

3. Agent of Generator and Mailing Address:
PENN-VAC
114 FENWELL BLVD
N. CHAS., SC 29418

Phone (843) 552-8306

PO#:

4. Transporter Company Name:
SAME AS AGENT

Phone ( )

Truck & Trailer License Number:

5. Transporter U.S. EPA ID#: SCD980837504

6. Facility Name and Site Address:
U S Water Recovery
435 Old Mt. Holly Rd.
Mt. Holly, SC 29445

Phone: (843) 797-8674

Fax: (843) 797-2126

Mailing Address:
U S Water Recovery
511 Old Mt. Holly Rd.
Goose Creek, SC 29445

Phone: (843) 797-3111

Fax: (843) 797-0710

7. Facility U.S. EPA ID#:

Start Level: End Level: Total Gallons: Tank Number

8. U.S. DOT Desciption	Container No.	Container Type	Unit	Quantity
* Non-Hazardous, non-regulated waste water	6	DM	G	300

9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.

Printed/Typed Name: GABRIEL L. McCLURD Signature: [signature] Date: June 9, 2006

10. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: PRESTON PINCKNEY Signature: [signature] Date: 6-9-06

11. Discrepancy Indication space:

12. Facility Owner or Operator: Certification of Receipt of Materials

Printed/Typed Name: Signature: Date:

White - Facility Yellow - Transporter Pink - Generator

$200 TRANSP.

SALESPERSON RC - #78/Dump Disp.

FENN-VAC P.O. Box 62679 N. Charleston, S.C. 29419-2679 (843) 552-8306
Fax: (843) 760-5220

DAILY WORK REPORT Date 6/9/06

Physical Address		**Billing Address** #767	
Customer Name CYCORA SITE		Customer Name ADVENT ENV.	
Street Address		Street Address	
City	State	P.O. Box #	
P.O. #	Job # 3418824	City	State Zip
Phone Number 388-1851		Contact CORINNE SLAYTON	

Description of Activity: D/U (4) NON-HAZ W/W DRUMS & TRANSPORT TO USWR FOR DISPOSAL.

Report To: CORINNE @ TANK FARM At: 0800

Mobilization: (M) 817-3695 Demobilization:

Equipment:
- GIVE USWR ATTACHED ANALYTICAL
- DIRECTIONS ATTACHED
- MANIFEST
- SERVICE TRUCK W/ LIFT GATE, DRUM DOLLEY
- HAVE CORINNE COMPLETE MANIFEST (SEE * AREAS)

Billing Statement

TYPE MACHINE	START TIME	STOP TIME
TRUCK #42	8:30	9:00

Time On Site

NAME	START	STOP	HOURS DOWN	LUNCH	TOTAL
(1) [illegible]	8:30	9:00			
(2) Richard D.	8:30	9:00			
(3)					
(4)					
(5)					
(6)					
(7)					
(8)					
(9)					
(10)					
(11)					
(12)					

Customer Signature & Comment [illegible]