Phase II Soil and Groundwater Testing at the City of Gainesville's Regional Transit System Property, Gainesville, Florida

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1 Introduction

Water & Air Research, Inc. (Water & Air) recently completed Phase II soil and groundwater testing at the City of Gainesville's Regional Transit System (RTS) property. The property street address is 100 SE 10th Avenue. The RTS complex provides public transportation services including, but not limited to bus routing, parking, cleaning, repair, and maintenance.

The objective of the Phase II assessment was to assess potential groundwater and soil contamination resulting from onsite and offsite sources prior to campus expansion activities proposed by RTS. This information is to be used to identify areas of the site that may require more extensive testing and possibly remediation activities prior to development.

Assessment locations were selected based on the presence of stained pavement and soil, areas receiving runoff and runon from the pavement, storage areas, and a former leaking underground storage tank (UST) site. Adjacent properties with potential contamination issues also were considered.

Potential contaminants include a variety of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPH), and metals. These compounds are typical components of petroleum fuels, oil and grease, industrial degreasers and solvents, paints and paint thinners used and generated at the site during bus washing and maintenance activities.

This report is intended for use by RTS and their designees as they consider expansion of the existing facility. The findings presented are not intended for release to or use by public and regulatory agencies unless requested by RTS.

2 Property Description

2.1 Location, Layout, and Assessment Areas

The subject property is in southeast Gainesville at 100 S.E. 10th Avenue and is approximately ¼ mile east of South Main Street. Figure 1 shows the subject property and surrounding area.

The complex is in continuous use as the main public bus transit hub and maintenance facility for the City of Gainesville's public transportation system. The RTS operations are based out of the facility, as are bus maintenance and repair. The layout of the subject property is provided in Figure 2.

The original property is generally rectangular in shape and occupies 7.23 acres while the CSX acquisition portion to the west occupies 3.16 acres and also is generally rectangular. The majority of the campus expansion work is near the original parcels west boundary where stained soil from discharges and leaks from buses occur and runoff from paved areas occurs. The other areas of concern are retention basins and swales that receive runoff from various portions of the property.

Site access is from the extreme southeast corner and the exit is at the extreme northwest corner. The original property is enclosed by chain-link fencing and is occupied by several buildings including spare office and a bus maintenance facility where buses are cleaned and repaired. The main employee parking area occupies the southeast portion of the property. Bus parking is at the center and northwest areas of the eastern half of the property. Most of the property is paved with asphalt to accommodate bus traffic or occupied by various structures. There are several retention basins and swales that receive runoff from the paved areas.

Water & Air personnel identified the following areas of concern during a site inspection:

- Northeast retention basin - receives runoff from the paved portion of the bus maintenance facility and employee parking areas.
- North property corner – receives runoff from paved portion of parking area and a variety of wastes from maintenance activities. This area also is occupied by dumpsters that could potentially receive materials and wastes from the maintenance area.
- North portion of the bus parking area – receives runoff from the paved bus parking area; stained soil was observed during site visits
- Area to the west of the Operations Center – receives runoff the bus parking area; stained soil was observed during site visits.
- Northeast retention basin – receives runoff from the entire property.
- Southwest retention basin – receives runoff from the employee parking area.
- Retention swale – receives runoff from the bus parking area; stained grass and soil was observed during site visits.
- Small grass area west of the Operations Center near the former location of a leaking underground storage tank (UST).

Another area of concern that may require assessment is underneath the out of service water treatment and recycling system near the east property boundary. Water & Air conducted assessment and remediation of the unpaved portion of this area approximately two years ago following notification of an overflow that occurred from the transfer pump. Subsequent assessment of the area underneath the pavement is recommended when the system is modified or removed allowing easier access to the area.

2.2 Vicinity Description and Nearby Properties

Land use in the vicinity of the subject property ranges from undeveloped land to light industrial and commercial businesses and single-family residential neighborhoods. Because of concerns of several adjacent businesses, soil and groundwater sampling locations were positioned near the north property boundary. These locations were selected to detect contamination originating from both onsite and offsite sources.

3 Phase II Assessment Tasks

Phase II assessment tasks included physical inspection of the property for evidence of contamination, monitoring well installation, groundwater sampling, and soil vapor screening and sample collection. Groundwater and soil sample locations are provided in Figure 2.

Sample collection and handling was performed in accordance with the FDEP Standard Operating Procedures (SOP). Field assessment tasks are discussed in detail in the following sections.

3.1 Site Inspection

Prior to selecting soil and groundwater sampling locations the entire property was inspected for potential contamination sources and affected areas. Sensory evidence of contamination was identified at numerous areas of the property where bus parking occurs. Another area of concern is the retention

swale near the center of the property that receives runoff from the bus washing and maintenance areas. Most areas appear to be stained by petroleum products, specifically motor oil and hydraulic fluid that discharge and leak from the buses.

The area near the dispatch office also was examined for evidence of the former fuel UST but no sensory evidence of contamination or equipment associated with the UST and fuel system was observed.

Potential areas of concern are discussed in Section 2.1 along with rationale for the selection of both soil and groundwater sample locations.

3.2 Monitoring Well Installation

Six monitoring wells, EW-1 through EW-6, were installed on January 13, 2004. Well EW-7 was installed on March 11, 2004 following soil vapor screening that detected organic vapors at soil sample location SB-10. All the wells were installed into the surficial aquifer system, no deeper wells representative of underlying aquifers were installed as part of this Phase II testing. The well locations are provided in Figure 2. A description of the well locations and depths include the following:

- EW-1—Northeast corner of property located behind the maintenance building. Total well depth is approximately 10 feet bls.
- EW-2—North property corner behind dumpster near property exit. Total well depth is approximately 10 feet bls.
- EW-3—Small grass area northeast of the operations center near the former location of a leaking underground storage tank (UST). Total well depth is approximately 10 feet bls.
- EW-4— Retention swale near the center of property that receives runoff from the bus parking area. Total well depth is approximately 10 feet bls.
- EW-5—Southwest property corner on CSX acquisition parcel. Total well depth is approximately 8 feet bls.
- EW-6—Southwest area of the original property in the northwest retention basin. Total well depth is approximately 8 feet bls. This basin receives runoff from a small manmade ditch that drains the entire west portion of the property from north to south.
- EW-7—Area west of the Operations Center at soil boring SB-10 where organic vapors were detected well above background and sensory evidence of contaminated soil was encountered during soil sampling. Total well depth is approximately 7 feet bls.

The monitoring well borings were installed using decontaminated stainless steel hand augers and advanced several feet into the surficial aquifer. The wells were constructed using 5-feet of 2-inch diameter schedule 40 PVC riser threaded to 5 feet of 0.01-inch slotted well screen. Threaded pipe was used to eliminate the need for adhesives or metal fasteners. The well screen intervals were positioned above the watertable surface encountered during installation to account for seasonal water level fluctuations.

Following installation the well annulus was filled with 20/30-grade size silica sand as a filter pack to over 1-foot above the well screen interval. Drill cuttings were used to backfill the remainder of the boring. The wells will be grouted to land surface and set in protective manhole covers if needed for future use,

otherwise they will be removed and the borings backfilled. Copies of boring logs illustrating soil lithology and well construction are included in Appendix A.

Each well was developed using a centrifugal pump to remove particulate material created during drilling and construction activities. Each well was pumped dry several times until the water cleared.

3.3 Groundwater Sampling and Analysis

Groundwater samples were collected from wells EW-1 through EW-6 on February 3, 2004. Well EW-7 was sampled on March 15, 2004. Wells EW-2 and EW-5 were resampled April 14, 2004 to verify results from earlier sampling efforts.

The analytical methods selected for the February 2004 sampling effort were based on the types of chemicals used at the facility typical of repair, maintenance, and cleaning activities, the presence of a former underground fuel storage tank (UST). The groundwater samples were submitted to PPB Environmental Laboratories Inc., (PPB). Wells EW-1 through EW-6 were analyzed for TPH by the FL PRO method, aromatic and halogenated VOCs using United States Environmental Protection Agency (USEPA) Method 8260, PAHs using USEPA Method 8270 and arsenic, cadmium, chromium, and lead using USEPA Method 6010/200.7.

The analytical methods selected for well EW-7 were based on the presence of hydrocarbon vapors encountered during soil sampling of SB-10 and limited to analysis for petroleum compounds. The sample was submitted to PC & B Environmental Laboratories, Inc. (PC&B) for TPH analysis by FL PRO, aromatic VOCs using USEPA Method 8021, and PAHs using USEPA Method 8310.

EW-2 was resampled and analyzed using USEPA Method 8021 to confirm if the VOCs detected are actually present or result from laboratory contamination. Well EW-5 also was resampled to confirm the presence of PAHs using USEPA Method 8310 that were detected above cleanup target levels. Both samples were sent to PC&B for analysis.

A variable-flow peristaltic pump was used to collect all samples except EW-1. A dedicated bailer was used to sample EW-1 because of a pump malfunction. Halogenated and aromatic organic compounds were collected from the reverse flow of the peristaltic pump to avoid aeration. Filtered metals samples were collected using an inline filter and field preserved with nitric acid. All samples were preserved on wet ice prior to shipment to the analytical laboratory. Groundwater sampling logs are provided in Appendix B.

3.4 Soil Sample Screening and Analysis

Soil was collected from sixteen locations identified as SB-1 through SB-16 on February 9, 2004. With the exception of SB-13 all samples from specific areas were combined to create a total of seven samples representing each potential area of concern. SB-13 was collected as a grab sample near a discharge location. The soil sample locations and sample names are provided in Figure 2. Samples are identified as follows:

- NER—SB-1 and SB-2 collected in the northeast retention basin.
- NPC—SB-3 and SB-4 collected at the north property corner.
- NPP—SB-5 through SB-7 collected adjacent to the edge of the north portion of the bus parking area.
- AWO—SB-8 through SB-10 collected adjacent to the edge of the pavement west of the operations center. Buses are temporarily parked in this area.

- NWR—SB-11 and SB-12 collected from the northwest retention basin on the southwest portion of the property.
- SWR—SB-13 collected in the southwest retention basin on the south portion of the property. This was the only grab sample collected.
- RS—SB-14 through SB-16 from the retention swale near the center of the property.

Many of the locations selected are representative of worst-case areas where stained soil was present. These areas occur along the western edge of the bus parking area and where runoff from the parking area and maintenance garage has discharged into the retention swale in the center of the property. Locations within retention basins and the retention swale were collected near discharge outfalls where contamination is most likely to occur.

All soil samples were collected using a decontaminated stainless steel hand auger. The samples were obtained from approximately 0.5 to 1.5- feet below land surface (bls) at each location and a portion of each sample was screened in the field using an OVM equipped with a flame-ionization detector (FID). The remaining portion of the soil was mixed in a stainless steel bowl using a stainless steel spoon to create a composite sample. The soil sample was transferred into a sample container and chilled with wet ice prior to shipment. All soil samples were submitted to PPB Environmental Laboratories Inc. for analysis.

4 Results and Findings

Results and findings of field and laboratory testing are summarized in the following sections. Laboratory data sheets, quality control reports, and chain of custody forms are provided in the appendices. Also included are brief descriptions of geology and groundwater occurrence identified during soil and groundwater testing.

4.1 Groundwater Laboratory Results

A summary of detected analytes is included in Table 1 along with corresponding Groundwater Cleanup Target Levels (GCTLs), while compounds with no established cleanup target level are footnoted. Regulatory exceedances are presented in bold type and the concentration of all analytes is provided in micrograms per liter (µg/L) equivalent to parts per billion. Laboratory data sheets and chain-of-custody forms for all groundwater sampling episodes are included in Appendix C.

Laboratory test results indicate the presence of TPH in samples EW-1 through EW-6 at concentrations well below the GCTL of 5,000 µg/L. No TPH was detected in EW-7.

Low levels of VOCs were detected in wells EW-1 through EW-5 at concentrations below their respective GCTLs. EW-1 contained toluene at 1.9 µg/L and total xylenes at 1.2 µg/L. Toluene at 1.0 µg/L, acetone at 20.5 µg/L, and 2-butanone (methyl ethyl ketone or MEK) at 3.1 µg/L were detected in EW-2. Acetone at 4.2 µg/L was detected in EW-3. EW-4 contained acetone at 3.6 µg/L and 4-methyl-2-pentanone at 1.6 µg/L. Acetone at 2.2 µg/L was detected in EW-5. Toluene also was detected in the method blank at 1.2 µg/L. The source of toluene in the method blank indicates possible laboratory contamination. Although not detected in the method blank the presence of acetone, MEK, and 4-methyl-2-pentanone are also suspect. Acetone, MEK, and 4-methyl-2-pentanone are components of solvents, but may result from laboratory contamination. No VOCs were detected in wells EW-6 and EW-7.

Wells EW-2 and EW-5 were resampled as previously mentioned to verify the presence of various VOCs that were suspected to result from laboratory contaminants. No VOCs were identified above laboratory detection limits in the resampled wells.

PAHs were detected only in EW-5, and several compounds with very low cleanup target levels were identified above cleanup target levels. The PAHs detected above their associated GCTLs include indeno (1,2,3-cd) pyrene at 0.6 µg/L, benzo (b) fluoranthene at 0.4 µg/L, benzo (a) pyrene at 0.4 µg/L, and dibenzo (a, h) anthracene at o.4 µg/L. PAHs were reanalyzed when wells EW-2 and EW-5 were resampled and none were detected.

Dissolved and total arsenic and chromium was detected at concentrations below cleanup target levels in wells EW-1 through EW-6. Total and/or dissolved lead was detected in wells EW-1, EW-2, EW-4, and EW-5. Both total and dissolved cadmium was present in EW-1. The only metal to exceed cleanup target levels was total lead in EW-5. The concentration detected was 40.2 µg/L, above the GCTL of 15 µg/L.

4.2 Soil Screening and Laboratory Results

Summaries of soil vapor screening and laboratory test results are provided in Table 2 along with the corresponding Soil Cleanup Target Level (SCTL). Analytes detected above SCTLs are presented in bold type. Laboratory data sheets and chain-of-custody forms for soil samples are included in Appendix C.

Soil vapor screening using the OVM was attempted from all 16 locations, but was not conducted on SB-11, SB-12, SB-13 or SB-15 because of saturated conditions. The only reading detected above background or 0 parts per million (ppm) was a response of 400 ppm at SB-10. Based on the potential for contamination by diesel and kerosene group fuels at the site an OVM response of 10 ppm or greater would be representative of petroleum-contaminated soil.

Laboratory test results from the February sampling effort indicate the presence of TPH in all 7 composite samples. TPH was identified above the SCTL of 340 mg/kg in samples NPC at 637 mg/kg, NPP at 617 mg/kg, AWO at 466 mg/kg, and RS at 2,340 mg/kg. TPH was detected at concentrations below the cleanup target levels samples NER, NWR, and SWR.

Acetone and methylene chloride were the only VOCs detected in all soil samples, but at concentrations significantly below cleanup target levels. The occurrence of acetone is believed to result from laboratory cross-contamination because of its use as a laboratory solvent. Acetone and methylene chloride were the only analytes detected in samples NER, NPC, NWR, and SWR. The greatest number of VOCs was detected in sample AWO. Twelve compounds were detected in sample RS and four in NPP.

The only SCTL exceedances were 1,1,2,2-tetrachloroethane-at3.5 µg/kg and 1,2,4-trimethylbenzene at 1,320 µg/kg in sample AWO.

No PAHS were identified in samples in AWO and NWR, but they are expected to occur in sample AWO based on the extremely high laboratory detection limit used because of laboratory dilutions. This sample apparently had high concentrations of compounds and required significant dilution that raised the laboratory detection limits. Low levels of PAHs were detected in the other samples, but SCTL exceedances only were detected in sample NPC. Compounds identified in NPC above cleanup target levels include benzo (a) anthracene at 7,580 µg/kg, benzo (b) fluoranthene at 16,800 µg/kg, and benzo (a) pyrene at 10,600 µg/kg. These compounds are typically associated with petroleum products.

Arsenic, cadmium, chromium, and lead were detected in all the samples at concentrations well below their respective cleanup target levels. Because these metals can also occur naturally their presence does not indicate a discharge.

4.3 Site Geology and Hydrogeology

Soil encountered during soil collection and monitoring well installation generally consisted of silty sand from approximately 0 to 6 feet below land surface (bls) grading to clayey sand/sandy clay to approximately 9 feet bls. Specific lithology encountered at each monitoring well location is provided in the boring logs in Appendix A.

Groundwater was encountered throughout the site at depths ranging between approximately 1-foot bls in the low-lying retention areas on the south end of the property to approximately 5 feet bls on the north areas of the property. Groundwater at the property is typical of unconfined conditions representative of the surficial aquifer system that occurs throughout much of east Gainesville. Groundwater was encountered deeper at the north portion of the site and was shallower at the south end of the property. No effort was made to establish the groundwater flow direction as part of this assessment.

5 Conclusions

The following conclusions are based on the results and findings of recent Phase II groundwater and soil testing completed at the City of Gainesville RTS complex prior to campus expansion activities:

- Visibly stained soils were identified at numerous areas on the property, especially in the retention swale near the center of the property and along the entire west boundary of the asphalt-paved bus parking area. Soil and groundwater at these locations was tested as part of this Phase II assessment.

- Groundwater impacted by petroleum-related compounds has been identified; however, the concentrations detected were less than regulatory criteria. At the locations tested groundwater has not yet been significantly impacted by overlying soils, this is likely due to heavier petroleum fluids that have discharged that are less soluble and mobile in the environment than compounds commonly found in gasoline and diesel fuels.

- Total lead was the only metal exceeding its GCTL. The source of metals is believed to result from particulate material generated during well installation rather than contamination sources. Filtered samples did not have any GCTL exceedances.

- Methyl chloride and acetone were detected in laboratory method blanks as well as many of the soil and groundwater samples. Groundwater resampling was conducted to verify the presence of these analytes in wells EW-2 and EW-5, and none were detected. Based on resampling results and presence in laboratory quality control samples these analytes are believed to result from laboratory contaminants, or occur at very low concentrations.

- Evidence of soil contaminated by petroleum-related compounds was identified at most of the composite sample locations. Based on the types of contaminants detected and sources of petroleum the vertical extent of soil contamination is expected to be limited to the upper few feet of the soil horizon. More shallow soil testing, i.e. within the upper three to five feet of the soil horizon, is needed to determine the extent of affected soil.

- Groundwater encountered at the property is typical of the surficial aquifer system; no deeper wells were installed to assess underlying aquifers that may include the intermediate and Floridan aquifers.
- Site soil encountered was comprised of fine grain sands grading to clayey sand and sandy clay at approximately 6 feet bls to the end of the borings at approximately 9 feet bls.

6 Recommendations

The following recommendations are provided based on interpretation of current field observations and laboratory test results:

- More soil testing is required in the vicinity of western extent of the bus parking and retention basins areas. This testing will be limited to the types of compounds detected to reduce project costs. Also, the testing will be limited to vadose zone soil above the watertable surface. In most cases this will involve the upper 5 feet of the soil horizon. This information is needed to estimate the approximate volume soil that may require excavation and disposal.
- Because soil contamination has been documented RTS should proceed with notifying the Alachua County Environmental Protection Department (ACEPD) if deemed appropriate by legal counsel. Notification can be done in conjunction with more detailed testing proposed to delineate the horizontal and vertical extent of contamination. By proceeding with testing RTS can reduce project costs and time frames typically associated with responding to regulatory requirements.
- The retention swale soil should be excavated and removed to prevent exacerbation of soil and possibly groundwater contamination in the future. Also engineering controls should be implemented to prevent the ongoing discharge of petroleum-affected water and fluids into this area. It is advised to wait with excavation until engineering controls are implemented or until it is determined whether other site soil requires excavation and removal.
- No additional groundwater monitoring wells are proposed at this time pending results of additional soil testing. Upon completion of additional soil testing it may be necessary to install more monitoring wells. It is advised to modify the existing temporary wells into permanent wells and resample them to determine if soil contamination is leaching into shallow groundwater. Modification would be limited to surface completion involving grouting around the wells to better stabilize them and prevent vertical migration of surface contamination. Resampling should occur following additional soil assessment, but prior to any remediation.

7 Proposal

Water & Air Research, Inc. would be pleased to provide RTS with a proposal to perform additional soil assessment work and monitoring well completion upon request. The proposed work and supplemental Phase II report could be completed within 45 days upon receipt of a work order.

Figures

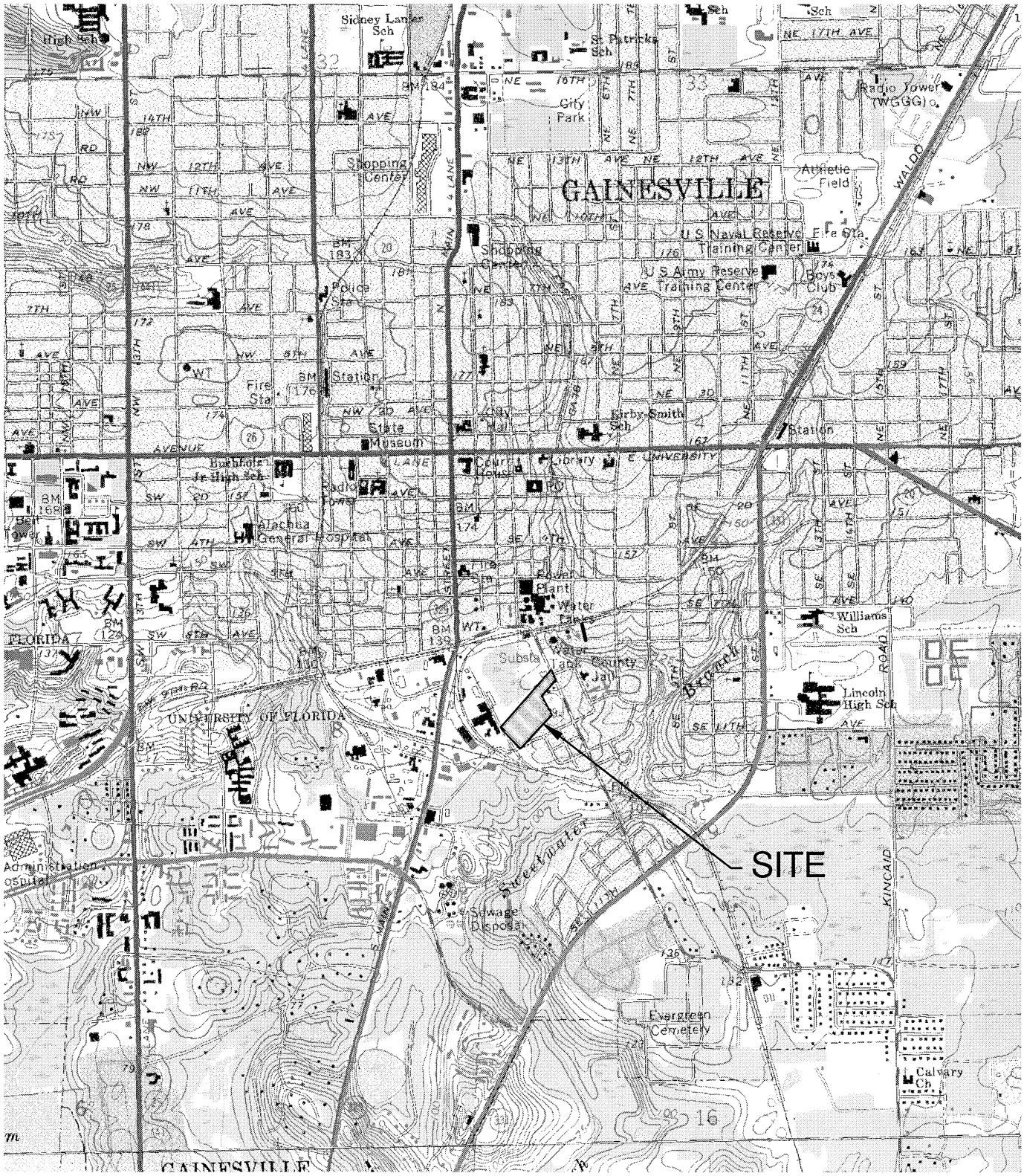

FIGURE 1.
SITE LOCATION MAP
REGIONAL TRANSIT SYSTEM CAMPUS EXPANSION
GAINESVILLE, FLORIDA

Source: USGS, 1966, 1988; Water & Air Research, Inc., 2004.

water & air RESEARCH, INC.

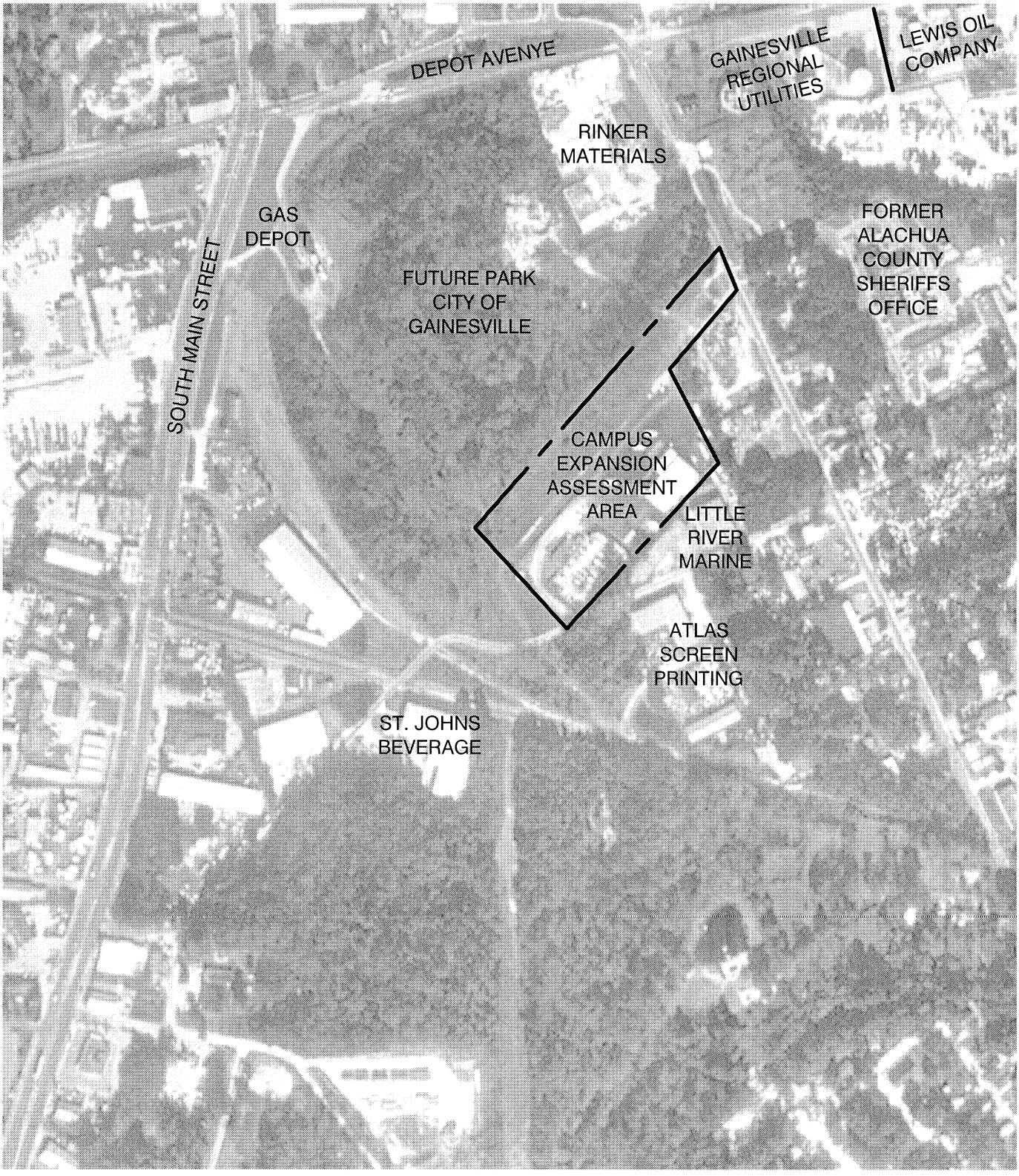

FIGURE 2.
1999 AERIAL PHOTOGRAPH SHOWING
THE CAMPUS EXPANSION ASSESSMENT AREA AND VICINITY, REGIONAL TRANSIT SYSTEM
GAINESVILLE, FLORIDA

Source: LABINS, 1999; Water & Air Research, Inc., 2004.

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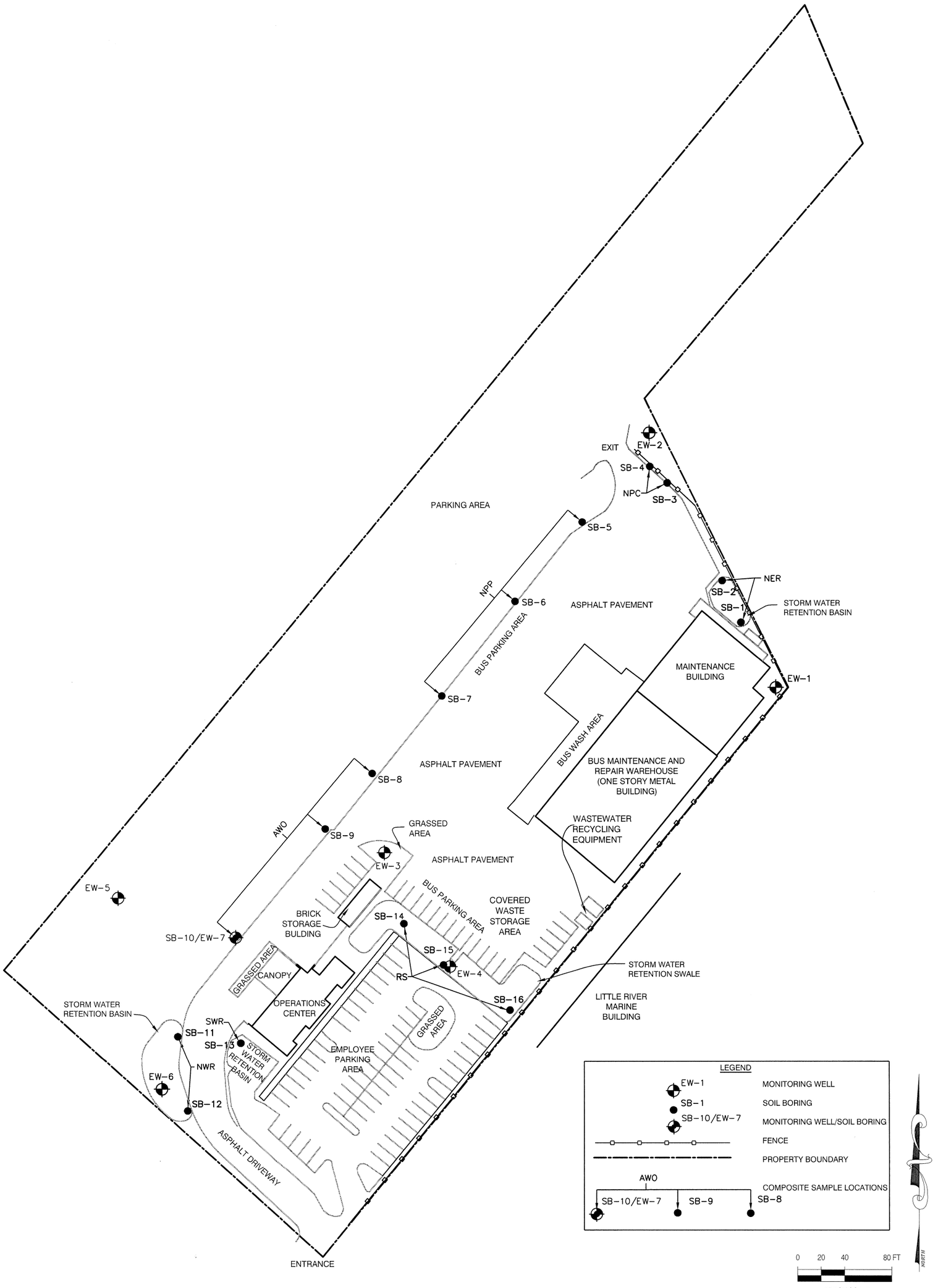


FIGURE 3.
SITE LAYOUT SHOWING GROUNDWATER AND SOIL SAMPLING LOCATIONS
REGIONAL TRANSIT SYSTEM CAMPUS EXPANSION
GAINESVILLE, FLORIDA

Source: Water & Air Research, Inc., 2004.

water & air RESEARCH, INC.

Tables

Table 1
Groundwater Summary of Detected Analytes

Facility Name: Regional Transit System

Sample Location		**EW-1**	**EW-2**	**EW-3**	**EW-4**	**EW-5**	**EW-6**
Sample Date		02/03/04	2/3/04/4/14/04	2/3/2004	2/3/2004	2/3/04/4/14/04	2/3/2004
Method 8270SIM	**GCTLs**	**Concentration in ug/L**					
Fluorene	280	<1.1	<1.1/<10.0	<1.1	<1.1	1.3/<10.0	<1.1
Fluoranthene	280	<1.1	<1.1/<10.0	<1.1	<1.1	<0.4I/<10.0	<1.1
Acenaphthylene	210	<1.1	<1.1/<10.0	<1.1	<1.1	<0.5I/<10.0	<1.1
Acenaphthene	20	<1.1	<1.1/<10.0	<1.1	<1.1	5.4/<10.0	<1.1
Fluorene	280	<1.1	<1.1/<10.0	<1.1	<1.1	1.3/<10.0	<1.1
Indeno(1,2,3-cd) pyrene	0.2	< 0.2	<0.2/<0.2	< 0.2	< 0.2	0.6/<0.2	< 0.2
Benzo (b) fluoranthene	0.2	< 0.2	<0.2/<0.2	< 0.2	< 0.2	0.4/<0.2	< 0.2
Benzo (k) fluoranthene*	0.5	< 0.5	<0.6/<0.5	< 0.5	< 0.6	<0.6/<0.5	< 0.6
Benzo (a) pyrene	0.2	< 0.2	<0.2/<0.2	< 0.2	< 0.2	0.4/<0.2	< 0.2
Dibenzo (a,h) anthracene	0.2	< 0.2	<0.2/<0.2	< 0.2	< 0.2	0.4/<0.2	< 0.2
Benzo (g,h,i) perylene	210	<1.1	<1.1/<10.0	< 1.1	< 1.1	<0.5I/<10.0	< 1.1
FL PRO		**Concentration in ug/L**					
TPH	5,000	500	800	300	800	400	800
Method 8260	**GCTLs**	**Concentration in ug/L**					
Toluene	40	1.9	1.0/<1.0	<1.0	<1.0	<1.0	<1.0
Total Xylenes	20	1.2	<1.0/<1.0	<1.0	<1.0	<1.0/<1.0	<1.0
Acetone	700	<1.0	20.5/<1.0	4.2	3.6	2.2/<1.0	<1.0
2-butanone	4,200	<1.0	3.1/<1.0	<1.0	<1.0	<1.0/<1.0	<1.0
4-methyl-2-pentanone	560	<1.0	<1.0/<1.0	<1.0	1.6	<1.0/<1.0	<1.0
Bromodichloromethane*	0.6	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
c-1,3-dichoropropene*	0.2	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
t-1,3-dichoropropene*	0.2	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
dibromochloromethane*	0.4	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
1,1,2,2-tetrachloroethane*	0.2	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
1,2-dibromomethane*	0.02	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
1,2,3-trichloropropane*	0.2	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
1,2-dibromo-3-chloropropane*	0.2	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
hexachlorobutadiene*	0.5	< 1.0	<1.0/<1.0	< 1.0	< 1.0	<1.0/<1.0	< 1.0
EPA 200.7/D	**GCTLs**	**Concentration in ug/L**					
Arsenic (Total)	50	3.7 I	< 2.5	< 2.5	< 2.5	5 I	< 2.5
Arsenic (Dissolved)	50	10.1	9.1 I	6.7 I	5 I	10.2	3.3 I
Cadmium (Total)	5	2.8	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Cadmium (Dissolved)	5	2.3	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Chromium (Total)	100	< 0.5	15.5	2.5	2.5	11.2	2.5
Chromium (Dissolved)	100	2.8	1.9 I	2.0 I	1.1 I	3	< 0.5
Lead (Total)	15	3.0 I	14.9	< 2.4	< 2.4	40.2	< 2.4
Lead (Dissolved)	15	5.4 I	4.1 I	< 2.4	3.6 I	2.7 I	< 2.4

Bold type indicates analytes detected at concentrations above cleanup target levels.
GCTLs = Groundwater Cleanup Target Levels based on FDEP 62-777 - groundwater criteria.
I = Result is below the instrument reporting limit
Analyte* = Associated GCTL is less than laboratory detection limit

Table 2

Soil Summary of Detected Analytes

Facility Name: RTS Campus Expansion

Composite Sample ID		NER		NPC		NPP			AWO			NWR		SWR	RS		
Sample Locations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date Collected		2/9/2004		2/9/2004		2/9/2004			2/9/2004			2/9/2004		2/9/2004	2/9/2004		
Sample Interval (fbls)		0.5 - 1.5		0.5 - 1.5		0.5 - 1.5			0.5 - 1.5			0.5 - 1.5		0.5-1.5	0.5 - 1.5		
Net OVA Reading (ppm)		0	0	0	0	0	0	0	0	0	400	NA	NA	NA	0	NA	0
Method 8270	**SCTLs**	Concentration in ug/kg															
Napthalene[2]	1,700	< 355		< 7,980		< 369			< 3,840			< 383		< 436	< 401		
2-Methyl Napthalene[2]	6,100	< 355		< 7,980		< 369			< 3,840			< 383		< 436	< 401		
1-Methyl Napthalene[2]	2,200	< 355		< 7,980		< 369			< 3,840			< 383		< 436	< 401		
Acenapthene[2]	2,100	< 355		< 7,980		< 369			< 3,840			< 383		< 436	< 401		
Phenanthrene	250,000	< 355		3,190 I		< 369			< 3,840			< 383		< 436	385 I		
Anthracene	2,500,000	< 355		1,600 I		< 369			< 3,840			< 383		< 436	184 I		
Fluoranthene	1,200,000	217 I		12,900		155 I			< 3,840			< 383		144 I	1,810		
Pyrene	880,000	<355		12,400		< 369			< 3,840			< 383		< 436	1,500		
Benzo(a)anthracene	3,200	99.4		**7,580**		88.4			< 769			< 76.5		< 87.3	790		
Chrysene	77,000	99.4 I		10,800		< 369			< 3,840			< 383		<436	938		
Indeno (1,2,3-cd) pyrene	28,000	234		12,000		181			< 769			<76.5		175	3,460		
Benzo(b)fluoranthene	10,000	227		**16,800**		< 73.7			< 769			<76.5		140	3,580		
Benzo(k)fluoranthene	25,000	<178		5,270		136 I			<1,920			<191		140 I	701		
Benzo(a)pyrene	8,000	170		**10,600**		136			< 769			< 76.5		< 87.3	1,700		
Dibenz(a,h) anthracene	30,000	121		2,710		118			< 769			< 76.5		<87.3	204		
Benzo(g,h,I) perylene	32,000,000	178 I		9,410		< 369			< 3,840			<383		135 I	2,140		
EPA 6010		Concentration in ug/kg															
Arsenic (Solid)	29,000	200		1,100		500			600			200		200	600		
Cadmium (Solid)	8,000	100 I		800		100 I			300 I			< 100		< 200	1,900		
Chromium (Solid)	38,000	2,000		14,000		2,800			4,700			1,900		4,000	7,100		
Lead (Solid)	*	2,200		43,500		12,200			23,900			1,300		3,600	29,400		
FL-PRO		Concentration in mg/kg															
TPH (mg/kg)	340	51		**637**		**617**			**466**			15.1		110	**2,340**		

fbls - feet below land surface

SCTLs - Soil Cleanup Target Levels based on FDEP 62-777 - leachibility based on groundwater criteria (analytes exceeding SCTLs are shown in bold).

NA - Not Analyzed for organic vapors in the field because of saturated soil sample.

I = Result is below laboratory detection limit

* Leachibility value may be derived using the SPLP (Synthetic Precipitate Leaching Procedure) Test to calculate site-specific SCTLs or may be determined using TCLP (Toxicity Characteristic Leaching Procedure) in the event oily wastes are present.

** SCTLs not available

Analyte[1] - Indicates analytes that were detected in Laboratory Method Blank

Analyte[2] - Laboratory detection limit is higher than associated SCTL

Table 2
Soil Summary of Detected Analytes

Facility Name: RTS Campus Expansion

Composite Sample ID		NER		NPC		NPP			AWO			NWR		SWR	RS		
Sample Locations		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Date Collected		2/9/2004		2/9/2004		2/9/2004			2/9/2004			2/9/2004		2/9/2004	2/9/2004		
Sample Interval (fbls)		0.5 - 1.5		0.5 - 1.5		0.5 - 1.5			0.5 - 1.5			0.5 - 1.5		0.5-1.5	0.5 - 1.5		
Net OVA Reading (ppm)		0	0	0	0	0	0	0	0	0	400	NA	NA	NA	0	NA	0
Method 8260	**SCTLs**	(Concentration in ug/kg)															
Acetone[1]	2,800	18.7		7.0		10.4			39.2			5.8		6.6	300 J		
Methylene chloride[1]	20	0.8		0.9		0.8			0.7			0.8		0.7	1.3		
2-butanone	17,000	< 0.6		< 0.8		1.3			9.8			<0.6		< 0.7	74.2		
4-methyl-2-pentanone	2,600	< 0.6		0.8		3.6			0.8			< 0.6		< 0.7	9.0		
Toluene	500	< 0.6		< 0.8		< 0.7			< 0.6			< 0.6		< 0.7	23.7		
1,1,2-trichloroethane	30	< 0.6		< 0.8		< 0.7			1.4			< 0.6		< 0.7	< 0.8		
2-hexanone	1,400	< 0.6		< 0.8		< 0.7			5.3			< 0.6		< 0.7	2.1		
Ethylbenzene	600	< 0.6		< 0.8		< 0.7			25.2			< 0.6		< 0.7	2.6		
Total xylene	200	< 0.6		< 0.8		< 0.7			61.8			< 0.6		< 0.7	4.4		
1,1,2,2-tetrachloroethane	2	< 0.6		< 0.8		< 0.7			**3.5**			< 0.6		< 0.7	< 0.8		
n-propylbenzene	**	< 0.6		< 0.8		< 0.7			32.0			< 0.6		< 0.7	< 0.8		
2-chlorotoluene	2,800	< 0.6		< 0.8		< 0.7			36.7			< 0.6		< 0.7	< 0.8		
4-chlorotoluene	2,500	< 0.6		< 0.8		< 0.7			40.6			< 0.6		< 0.7	< 0.8		
1,3,5-trimethylbenzene	300	< 0.6		< 0.8		< 0.7			253 Q			< 0.6		< 0.7	1.8		
tert - butylbenzene	**	< 0.6		< 0.8		< 0.7			1.1			< 0.6		< 0.7	< 0.8		
1,2,4-trimethylbenzene	300	< 0.6		< 0.8		< 0.7			**1,320 Q**			< 0.6		< 0.7	2.8		
sec-butylbenzene	**	< 0.6		< 0.8		< 0.7			180 Q			< 0.6		< 0.7	< 0.8		
n-butylbenzene	**	< 0.6		< 0.8		< 0.7			75.4			< 0.6		< 0.7	< 0.8		
1,2,4-trichlorobenzene	5,300	< 0.6		< 0.8		< 0.7			0.7			< 0.6		< 0.7	1.4		
napthalene	1,700	< 0.6		< 0.8		< 0.7			182 Q			< 0.6		< 0.7	6.5		
1,2,3-trichlorobenzene	4,600	< 0.6		< 0.8		< 0.7			4.5			< 0.6		< 0.7	< 0.8		

fbls - feet below land surface

SCTLs - Soil Cleanup Target Levels based on FDEP 62-777 - leachibility based on groundwater criteria (analytes exceeding SCTLs are shown in bold).

NA - Not Analyzed because of saturated soil sample.

I = Result is below laboratory detection limit

J = Original result, sample rerun did not verify this result, see Case Narrative for details.

Q = Samples reanalyzed out of method holding times

* Leachibility value may be derived using the SPLP (Synthetic Precipitate Leaching Procedure) Test to calculate site-specific SCTLs or may be determined using TCLP (Toxicity Characteristic Leaching Procedure) in the event oily wastes are present.

** No CTLs established for this compound

Analyte[1] - Indicates analytes that were detected in Laboratory Method Blank

Analyte[2] - Laboratory detection limit is higher than associated SCTL

Appendix A
Monitoring Well Construction Schematics

Project No: 03-5720-02

Project: RTS Campus Expansion

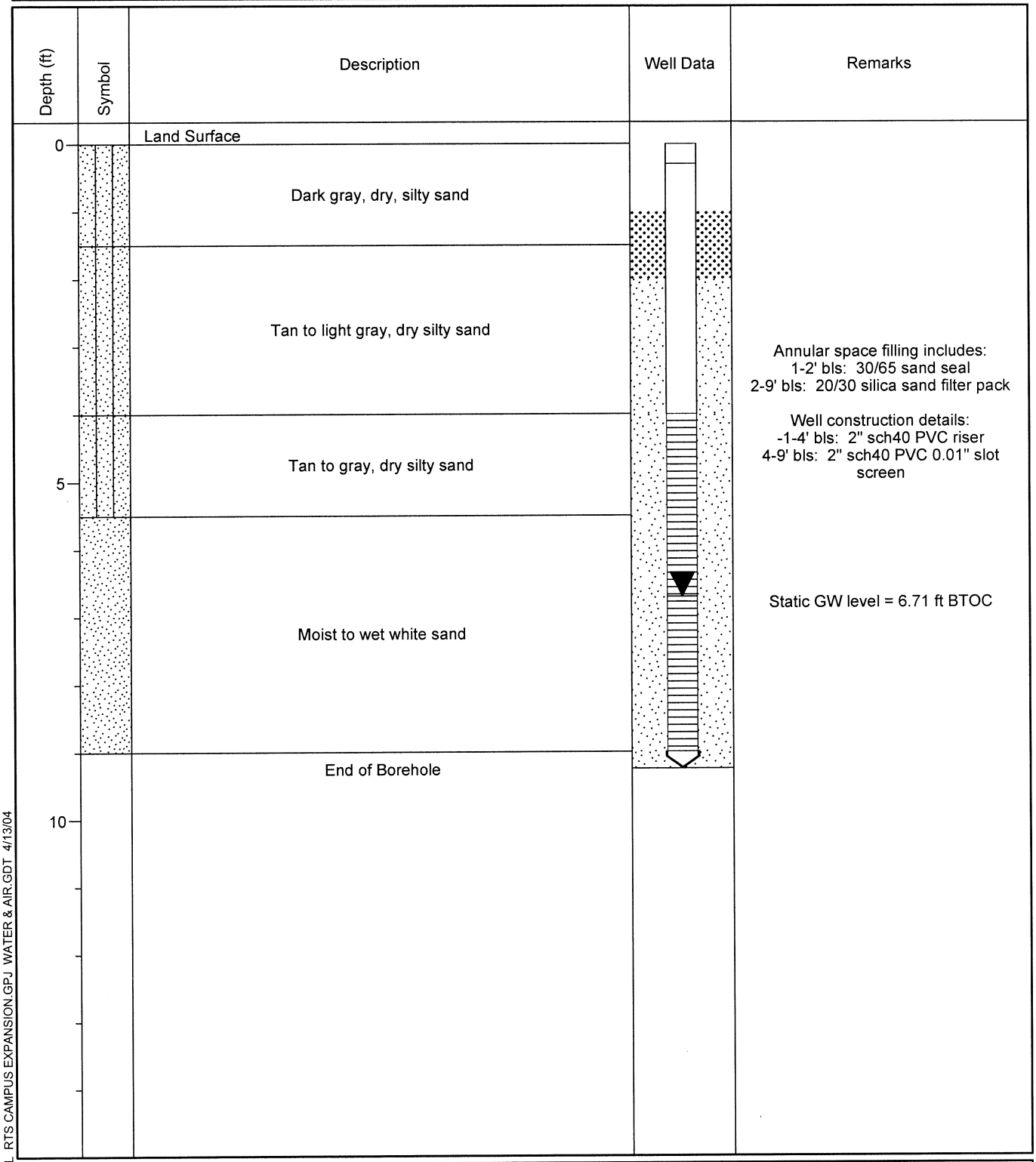
Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-1

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.



Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-2

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Dark brown to black, dry, silty sand			
		Light brown, dry, silty sand	0		
		Tan, moist, silty sand. Becoming more clayey with depth.	0		Annular space filling includes: 1-2' bls: 30/65 sand seal 2-9' bls: 20/30 silica sand filter pack Well construction details: -1-4' bls: 2" sch40 PVC riser 4-9' bls: 2" sch40 PVC 0.01" slot screen Static GW level = 5.99 ft BTOC
5					
		End of Borehole			
10					

Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-3

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Sand and Limestone - fill material			
		Light gray and orange mottled, stiff, sandy clay	0		
		Medium gray, moist, silty, fine-grain sand			Annular space filling includes: 1-2' bls: 30/65 sand seal 2-8' bls: 20/30 silica sand filter pack Well construction details: -2-3' bls: 2" sch40 PVC riser 3-8' bls: 2" sch40 PVC 0.01" slot screen Static GW level = 5.28 ft BTOC
		Silty sand with organic matter	0		
5		White, moist to wet, silty sand			
		End of Borehole			
10					

Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-4

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Black (organic), moist, fine sand			
		Light gray, moist, silty, fine-grained sand	0		Static GW level = 2.91 ft BTOC
			0		Annular space filling includes: 1-2' bls: 30/65 sand seal 2-10' bls: 20/30 silica sand filter pack Well construction details: -1-5' bls: 2" sch40 PVC riser 5-10' bls: 2" sch40 PVC 0.01" slot screen
5		Light gray and orange mottled, soft, wet clay			
		Silty, fine-grained sand			
10		End of Borehole			

Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

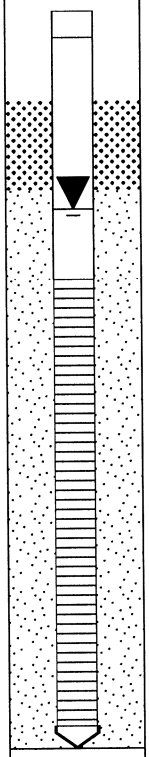
Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-5

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Brown, silty, fine-grained sand	0		Static GW level = 2.22 ft BTOC Annular space filling includes: 1-2' bls: 30/65 sand seal 2-8' bls: 20/30 silica sand filter pack Well construction details: 0-3' bls: 2" sch40 PVC riser 3-8' bls: 2" sch40 PVC 0.01" slot screen
5					
		Gravel			
		Light gray clay			
		End of Borehole			
10					

Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

Client: City of Gainesville

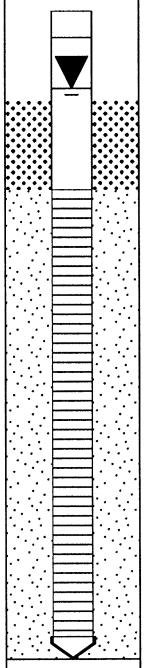
Location: Gainesville, Florida

WELL ID: EW-6

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Brown, silty, fine-grain sand			
		Tan, silty, fine-grain sand	305		Static GW level = 0.87 ft BTOC
		Dark brown, moist, silty, fine-grain sand			
		Dark orange, moist, silty, fine-grain sand			
		Brown, moist to wet, silty, fine-grain sand			Annular space filling includes: 1-2' bls: 30/65 sand seal 2-7' bls: 20/30 silica sand filter pack
5		Light brown, saturated, silty sand			Well construction details: -1-2' bls: 2" sch40 PVC riser 2-7' bls: 2" sch40 PVC 0.01" slot screen
		End of Borehole			
10					



Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Project No: 03-5720-02

Project: RTS Campus Expansion

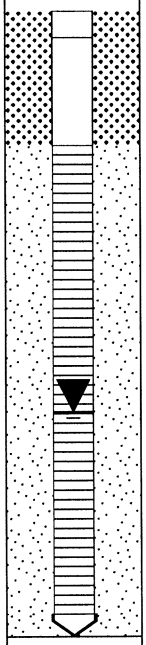
Client: City of Gainesville

Location: Gainesville, Florida

WELL ID: EW-7

Geologist: Scott Burgard, P.G.

water & air RESEARCH, INC.

Depth (ft)	Symbol	Description	OVA Results (ppm)	Well Data	Remarks
0		Land Surface			
		Brown, silty, fine-grained sand	305		Annular space filling includes: 1-1.5' bls: 30/65 sand seal 1.5-6.75' bls: 20/30 silica sand filter pack Well construction details: -2-1.75' bls: 2" sch40 PVC riser 1.75-6.75' bls: 2" sch40 PVC 0.01" slot screen Static GW level = 4.48 ft BTOC
5					
		End of Borehole			
10					

Drilled By: Water and Air Research, Inc.

Water & Air Research

Well Diameter: 2"

Drill Method: Hand Auger

Drill Date: 1/13/04

LOG OF BORING / WELL RTS CAMPUS EXPANSION.GPJ WATER & AIR.GDT 4/13/04

Appendix B

Groundwater Sampling Logs for March and April 2004 Sampling Efforts

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion	SITE LOCATION: GAINESVILLE, FL	
WELL NO: EW-1	SAMPLE ID: EW-1	DATE: 2/3/04

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2	10	6.71	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (10 - 6.71) X 0.16 = 0.5264

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
PERISTALTIC	0930	1000	2.0

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.5										
2	1.6										
3	1.5										
4	2.0	<1	6.98	6.94	—	600	—	17.3	clear	none	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Holly Nelson / WSAR	SAMPLER(S) SIGNATURE(S): Holly Nelson	
SAMPLING METHOD(S): Peristaltic / Bailer	SAMPLING INITIATED AT: 1100	SAMPLING ENDED AT: 1115
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
1	AG	1L	Chilled	———	—	8310
1	AG	1L		LAB PRESERVED		TRPH (FL PRO)
1	O	250mL	Nitric	↓	—	Ar, Cd, Cr, Pb Total
1	O	125mL	Nitric		—	Ar, Cd, Cr, Pb Dissolved
3	CG	40mL	HCl		—	8021

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion	SITE LOCATION: GAINESVILLE, FL	
WELL NO: EW-2	SAMPLE ID: EW-2	DATE: 2/3/04

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 10	STATIC DEPTH TO WATER (ft): 5.99	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

=(10 - 5.99)X 0.16 = 0.64

PURGE METHOD: CENTRIFUGAL	PURGE INITIATED AT: ~~0930~~ 1000	PURGE ENDED AT: 1002	TOTAL VOL. PURGED (gal): 0.64

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.64	<1	5.99	7.11	—	920	———	123	cloudy	lt. amber	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Holly Nelson / WSAR	SAMPLER(S) SIGNATURE(S): Holly Nelson	
SAMPLING METHOD(S): Peristaltic / Bailer	SAMPLING INITIATED AT: 1400	SAMPLING ENDED AT: 1415
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) ~~N~~	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	Chilled	———	—	8310
2	AG	1L		LAB PRESERVED	—	FLPRO
1	O	250mL	Nitric Acid	↓	—	Ar, Cd, Cr, Pb Total
1	O	125mL	Nitric Acid		—	Ar, Cd, Cr, Pb Dissolved
3	CG	40mL	HCl		—	8021

REMARKS: Well purged completely dry.

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion		SITE LOCATION: Gainesville, FL	
WELL NO: EW-3	SAMPLE ID: EW-3		DATE: 2/3/04

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2	10	5.28	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (10 - 5.28) X 0.16 = 0.7552

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Centrifugal	1030		2.25

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.75										
1	1.5										
1	2.25	<1	5.30	6.88	—	480	——	42.7	clear	lt. amber	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	
Holly Nelson/M. Gill	Holly Nelson / Madelyn Gill	
SAMPLING METHOD(S): peristaltic / bailer	SAMPLING INITIATED AT: 1430	SAMPLING ENDED AT:
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	Chilled	——	—	8310
2	AG	1L		Lab Preserved	—	FL PRO
3	CG	40mL	HCl	↓	—	8021
1	O	250mL	Nitric Acid		—	Ar, Cd, Cr, Pb Total
1	O	125mL	Nitric Acid	↓	—	Ar, Cd, Cr, Pb Diss

REMARKS: Well purged dry, allowed to recharge, purged until 3rd well volume reached

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME:	RTS Campus Expansion	SITE LOCATION:	Gainesville, FL		
WELL NO:	EW-4	SAMPLE ID:	EW-4	DATE:	2/3/04

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 10	STATIC DEPTH TO WATER (ft): 2.91	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (10 - 2.91) X 0.16 = 1.1344

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Centrifugal	1100		3.39

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	1.13										
1	2.26										
1	3.4	<1	3.79	6.95	—	490	——	10.6	clear	lt. yell	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Holly Nelson Mandeep Gill	SAMPLER(S) SIGNATURE(S): Holly Nelson / Mandeep Gill		
SAMPLING METHOD(S): Peristaltic / Bailer	SAMPLING INITIATED AT: 1515	SAMPLING ENDED AT: 1530	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) N	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	Chilled	——	—	8310
2	AG	1L		Lab preserved	—	FL PRO
3	CG	40mL	HCl	↓	—	8021
1	O	250mL	Nitric Acid		—	Ar, Cd, Cr, Pb Total
1	O	125mL	Nitric Acid	↓	—	Ar, Cd, Cr, Pb Dissolved

REMARKS: Well was purged dry, allowed to recharge, and then purged until third well volume was reached.

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion	SITE LOCATION: Gainesville, FL	
WELL NO: EW-5	SAMPLE ID: EW-5	DATE: 2/3/04

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2	8	2.22	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (8 – 2.22) X 0.16 = 0.4

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Centrifugal	1330		1.2

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.4										
1	0.8										
1	1.2	<1	2.22	6.94	—	630	—	72.2	Sl. cloudy	lt. yellow	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. Nelson & M. Gill	SAMPLER(S) SIGNATURE(S): Holly Nelson / Mandeep Gill	
SAMPLING METHOD(S): Peristaltic / Bailer	SAMPLING INITIATED AT: 1630	SAMPLING ENDED AT: 1645
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) ~~N~~	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	Chilled	—	—	8310
2	AG	1L		Lab Preserved	—	FL PRO
3	CG	40mL	HCl	↓	—	8021
1	O	250mL	Nitric Acid		—	Ar, Cd, Cr, Pb total
1	O	125mL	Nitric Acid	↓	—	Ar, Cd, Cr, Pb Dissolved

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME:	RTS Campus Expansion	SITE LOCATION:	Gainesville, FL		
WELL NO:	EW-6	SAMPLE ID:	EW-6	DATE:	2/3/04

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2	8	0.87	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (8 - 0.87) X 0.16 = 1.1408

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Centrifugal	1400		4.4

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	1.1	<1									
1	2.2	<1									
1	3.3	<1	~~0.90~~	~~6.93~~	—	~~370~~	—	~~19.6~~	~~clear~~	~~none~~	~~none~~
1	4.4	<1	0.90	6.93	—	370	—	19.6	clear	none	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURE(S):	
H.Nelson & M.Gill	Holly Nelson / Mandy Gill	
SAMPLING METHOD(S): Peristaltic / Bailer	SAMPLING INITIATED AT: 1600	SAMPLING ENDED AT: 1615
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: (Y) N	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	Chilled	—	—	8310
2	AG	1L		lab preserved	—	FLPRO
3	CG	40mL	HCl	—	—	8021
1	O	250mL	Nitric Acid	↓		Ar, Cd, Cr, Pb Total
1	O	125mL	Nitric Acid			Ar, Cd, Cr, Pb Dissolved

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion		SITE LOCATION: Gainesville, FL	
WELL NO: EW-7	SAMPLE ID: EW-7		DATE: 03/15/04

PURGING DATA

WELL DIAMETER (in): 2"	TOTAL WELL DEPTH (ft): 8.75'	STATIC DEPTH TO WATER (ft): 4.48	WELL CAPACITY (gal/ft): 0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (8.75 - 4.48) X 0.16 = 0.7

PURGE METHOD: Peristaltic	PURGE INITIATED AT: 1350	PURGE ENDED AT: 14	TOTAL VOL. PURGED (gal): 2.1

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.7	<1	4.80	6.82	20.2	700	0.42	9.82	clear	lt. amber	none
1	1.4	<1	4.80	6.94	20.1	740	0.37	3.98	clear	lt. yellow	none
1	2.1	<1	4.80	6.93	20.1	740	0.26	2.64	clear	lt. yellow	none

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Holly Nelson / WSAR	SAMPLER(S) SIGNATURE(S): Holly Nelson		
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1430	SAMPLING ENDED AT: 1440	
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)	

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	CG	40 mL	HCl	Lab Preserved	<2	8021 Long List
1	AG	1L	Chilled	—	—	8310
1	AG	1L	HCl	Lab Preserved	<2	FL PRO

REMARKS: Pump ran at 5 speed to reduce drawdown

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion	SITE LOCATION: Gainesville, FL	
WELL NO: EW-2	SAMPLE ID: EW-2	DATE: 4/14/04

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2.0	10.00	5.49	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

=(10.00 - 5.49)X 0.16 = 0.72

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Peristaltic	1514	1553	3.60

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	0.72	0.1	6.09	6.69	20.54	675	1.73	86.1	cloudy	clear	organic
2	1.44	0.1	6.04	7.00	20.51	643	0.84	37.8	slightly cloudy	clear	Organic
3	2.16	0.1	6.04	7.05	20.40	644	0.87	81.5	slightly cloudy	clear	organic
4	2.88	0.1	6.02	7.16	20.38	631	0.89	46.3	clear	clear	organic
5	3.60	0.1	6.01	7.09	20.42	620	0.93	35.5	clear	clear	Organic

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	
Jennifer Conklin	Jennifer Conklin	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1553	SAMPLING ENDED AT: 1558
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
3	CG	40mL	HCl	—	<2	8021 Long List
1	AG	1L	none	—	—	PAH by 8310

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Department of Environmental Protection

Petroleum or Petroleum Products
Water Sampling Log

SITE NAME: RTS Campus Expansion		SITE LOCATION: Gainesville, FL	
WELL NO: EW-5	SAMPLE ID: EW-5	DATE: 4/14/04	

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
2.0"	9.5'	3.01	0.16

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (9.50 - 3.01) X 0.16 = 1.03 gal.

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Peristaltic	1628	1647	3.0

WELL VOLS. PURGED	CUMUL. VOL. PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	APPEARANCE	COLOR	ODOR
1	1.0	0.2	3.30	7.20	20.30	601	0.57	5.46	clear	yellow	organic
2	2.0	0.2	3.30	7.11	20.32	616	0.22	3.62	clear	clear	organic
3	3.0	0.2	3.28	7.07	20.32	623	0.15	3.57	clear	clear	organic

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	
Jennifer Conklin	Jennifer Conklin	
SAMPLING METHOD(S): Peristaltic	SAMPLING INITIATED AT: 1647	SAMPLING ENDED AT: 1651
FIELD DECONTAMINATION: Y (N)	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
3	CG	40mL	HCl	—	<2	8021 Long List
1	AG	1L	None	—	—	PAH by 8310

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; HDPE = HIGH DENSITY POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

Appendix C

Soil and Groundwater Laboratory Results and Chain-of-Custody Forms for February and March 2004 Sampling Efforts

PPB ENVIRONMENTAL LABORATORIES, INC.

6821 SW Archer Road, Gainesville, FL 32608 Ph: (352) 377-2349 Fax: (352) 395-6639 E-mail: ppb@ppb-envlabs.com NELAP Certified—FDH # E82001

April 27th, 2004

Scott Burgard
Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

Dear Mr. Burgard,

Enclosed are the analytical results for the RTS water samples for PAHs and FL PRO we received February 4th, 2004 (Login Batch Number: 20427).

All data were determined in accordance with published procedures (EPA-600/4-79-020, *Methods for Chemical Analysis of Water and Wastes*, Revised March 1983; and *EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW_8420, December 1992, 3rd Edition incl. Updates I-III; and *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992). Our laboratory is NELAP Certified (Florida Department of Health #E82001).

Unless otherwise noted in the report case narrative, all QC requirements, including holding times, were within method acceptance criteria.

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Tara Bardi
Project Manager

PPB ENVIRONMENTAL LABORATORIES, INC.

6821 SW Archer Road, Gainesville, FL 32608
Ph: (352) 377-2349 Fax: (352) 395-6639
E-mail: ppb@ppb-envlabs.com
NELAP Certified - FDH # E82001

Report of Analyses for PAHs and FL PRO (PPB-00000806)

Project Name: RTS CAMUS 0204

Date Received: February 4th, 2004

Sample Number: 251351
Date Sampled: 02/03/04 11:00
Sampler: CLIENT

Sample ID: EW-1
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
2-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
1-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Acenaphthylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Acenaphthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Fluorene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Phenanthrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Anthracene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Fluoranthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Pyrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Chrysene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Benzo(k)fluoranthene	0.5	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Benzo(g,h,i)perylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:06	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	79.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:06	SDB
2-Fluorobiphenyl	73.0	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:06	SDB
Terphenyl-d14	109	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:06	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251351
Date Sampled: 02/03/04 11:00
Sampler: CLIENT

Sample ID: EW-1
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.5		1.0X	mg/L	FLPRO	02/07/2004	2/21/2004 13:20	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	87.4	1.0X	%	FLPRO	02/07/2004	2/21/2004 13:20	MD
Nonatriacontane	223	1.0X	%	FLPRO	02/07/2004	2/21/2004 13:20	MD

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: _____

PPB ENVIRONMENTAL LABORATORIES, INC.
6821 SW Archer Road, Gainesville, FL 32608
Ph: (352) 377-2349 Fax: (352) 395-6639
E-mail: ppb@ppb-envlabs.com
NELAP Certified - FDH # E82001

Sample Number: 251352
Date Sampled: 02/03/04 14:00
Sampler: CLIENT

Sample ID: EW-2
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
2-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
1-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Acenaphthylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Acenaphthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Fluorene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Phenanthrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Anthracene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Fluoranthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Pyrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Chrysene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Benzo(k)fluoranthene	0.6	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Benzo(g,h,i)perylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 18:15	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	78.6	1.0X	%	8270SIM	02/07/2004	2/04/2004 18:15	SDB
2-Fluorobiphenyl	74.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 18:15	SDB
Terphenyl-d14	101	1.0X	%	8270SIM	02/07/2004	2/04/2004 18:15	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251352
Date Sampled: 02/03/04 14:00
Sampler: CLIENT

Sample ID: EW-2
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.8		1.0X	mg/L	FLPRO	2/21/2004 12:41	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	91.3	1.0X	%	FLPRO	2/21/2004 12:41	02/07/2004	MD
Nonatriacontane	247	1.0X	%	FLPRO	2/21/2004 12:41	02/07/2004	MD

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Sample Number: 251352
Date Sampled: 02/03/04 14:00
Sampler: CLIENT

Sample ID: 251352 MS/MSD
Date Received: 02/04/04 09:40
Matrix: WA

Parameter	Native	MS Found	MS Target	MS Percent Recovery	MSD Found	MSD Target	MSD Percent Recovery	RPD
Naphthalene	1.1 U	23.1	25.0	92%	21.8	25.0	87%	5.80%
2-Methylnaphthalene	1.1 U	22.1	25.0	88%	21.4	25.0	85%	3.45%
1-Methylnaphthalene	1.1 U	22.6	25.0	91%	21.6	25.0	87%	4.51%
Acenaphthylene	1.1 U	19.6	25.0	79%	19.6	25.0	78%	0.25%
Acenaphthene	1.1 U	22.9	25.0	91%	21.9	25.0	88%	4.25%
Fluorene	1.1 U	22.5	25.0	90%	22.1	25.0	88%	1.79%
Phenanthrene	1.1 U	23.8	25.0	95%	22.6	25.0	91%	4.95%
Anthracene	1.1 U	22.1	25.0	89%	21.9	25.0	88%	0.91%
Fluoranthene	1.1 U	23.7	25.0	95%	23.0	25.0	92%	3.00%
Pyrene	1.1 U	24.4	25.0	97%	24.6	25.0	98%	1.02%
Benzo(a)anthracene	0.2 U	24.3	25.0	97%	24.2	25.0	97%	0.21%
Chrysene	1.1 U	25.3	25.0	101%	24.3	25.0	97%	4.04%
Indeno(1,2,3-cd)pyrene	0.2 U	29.6	25.0	118%	30.6	25.0	123%	3.49%
Benzo(b)fluoranthene	0.2 U	23.0	25.0	92%	22.8	25.0	91%	0.87%
Benzo(k)fluoranthene	0.6 U	22.9	25.0	92%	22.3	25.0	89%	2.87%
Benzo(a)pyrene	0.2 U	23.0	25.0	92%	23.4	25.0	94%	1.94%
Dibenz(a,h)anthracene	0.2 U	25.2	25.0	101%	24.5	25.0	98%	2.82%
Benzo(g,h,i)perylene	1.1 U	24.9	25.0	99%	25.8	25.0	103%	3.56%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	98.2	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB
2-Fluorobiphenyl	109	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB
Terphenyl-d14	120	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB
Nitrobenzene-d5	98.8	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB
2-Fluorobiphenyl	102	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB
Terphenyl-d14	119	1.0X	%	8270SIM	2/07/2004	2/04/2004 17:25	SDB

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Sample Number: 251353
Date Sampled: 02/03/04 14:30
Sampler: CLIENT

Sample ID: EW-3
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
2-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
1-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Acenaphthylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Acenaphthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Fluorene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Phenanthrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Anthracene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Fluoranthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Pyrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Chrysene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Benzo(k)fluoranthene	0.5	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Benzo(g,h,i)perylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 19:57	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	71.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:57	SDB
2-Fluorobiphenyl	71.6	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:57	SDB
Terphenyl-d14	88.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 19:57	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251353
Date Sampled: 02/03/04 14:30
Sampler: CLIENT

Sample ID: EW-3
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.3		1.0X	mg/L	FLPRO	2/21/2004 14:02	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	85.5	1.0X	%	FLPRO	2/21/2004 14:02	02/07/2004	MD
Nonatriacontane	211	1.0X	%	FLPRO	2/21/2004 14:02	02/07/2004	MD

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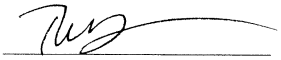
Project Manager: 

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Sample Number: 251354
Date Sampled: 02/03/04 15:15
Sampler: CLIENT

Sample ID: EW-4
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
2-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
1-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Acenaphthylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Acenaphthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Fluorene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Phenanthrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Anthracene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Fluoranthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Pyrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Chrysene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Benzo(k)fluoranthene	0.6	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Benzo(g,h,i)perylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 20:48	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	81.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 20:48	SDB
2-Fluorobiphenyl	80.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 20:48	SDB
Terphenyl-d14	98.6	1.0X	%	8270SIM	02/07/2004	2/04/2004 20:48	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251354
Date Sampled: 02/03/04 15:15
Sampler: CLIENT

Sample ID: EW-4
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.8		1.0X	mg/L	FLPRO	2/21/2004 14:44	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	94.2	1.0X	%	FLPRO	2/21/2004 14:44	02/07/2004	MD
Nonatriacontane	283	1.0X	%	FLPRO	2/21/2004 14:44	02/07/2004	MD

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Sample Number: 251355
Date Sampled: 02/03/04 16:30
Sampler: CLIENT

Sample ID: EW-5
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
2-Methylnaphthalene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
1-Methylnaphthalene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Acenaphthylene	0.5	*	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Acenaphthene	5.4		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Fluorene	1.3		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Phenanthrene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Anthracene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Fluoranthene	0.4	*	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Pyrene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Chrysene	1.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Indeno(1,2,3-cd)pyrene	0.6		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Benzo(b)fluoranthene	0.4		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Benzo(k)fluoranthene	0.6	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Benzo(a)pyrene	0.4		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Dibenz(a,h)anthracene	0.4		1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Benzo(g,h,i)perylene	0.5	*	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 21:38	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	65.2	1.0X	%	8270SIM	02/07/2004	2/04/2004 21:38	SDB
2-Fluorobiphenyl	58.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 21:38	SDB
Terphenyl-d14	68.8	1.0X	%	8270SIM	02/07/2004	2/04/2004 21:38	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251355
Date Sampled: 02/03/04 16:30
Sampler: CLIENT

Sample ID: EW-5
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.4		1.0X	mg/L	FLPRO	2/21/2004 15:23	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	87.3	1.0X	%	FLPRO	2/21/2004 15:23	02/07/2004	MD
Nonatriacontane	234	1.0X	%	FLPRO	2/21/2004 15:23	02/07/2004	MD

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Sample Number: 251356
Date Sampled: 02/03/04 16:00
Sampler: CLIENT

Sample ID: EW-6
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
2-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
1-Methylnaphthalene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Acenaphthylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Acenaphthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Fluorene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Phenanthrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Anthracene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Fluoranthene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Pyrene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Chrysene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Benzo(k)fluoranthene	0.6	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Benzo(g,h,i)perylene	1.1	U	1.0X	ug/L	8270SIM	02/07/2004	2/04/2004 22:29	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	76.8	1.0X	%	8270SIM	02/07/2004	2/04/2004 22:29	SDB
2-Fluorobiphenyl	69.0	1.0X	%	8270SIM	02/07/2004	2/04/2004 22:29	SDB
Terphenyl-d14	91.4	1.0X	%	8270SIM	02/07/2004	2/04/2004 22:29	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251356
Date Sampled: 02/03/04 16:00
Sampler: CLIENT

Sample ID: EW-6
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.8		1.0X	mg/L	FLPRO	2/21/2004 16:05	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	99.2	1.0X	%	FLPRO	2/21/2004 16:05	02/07/2004	MD
Nonatriacontane	195	1.0X	%	FLPRO	2/21/2004 16:05	02/07/2004	MD

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Sample Number: PAH WATER LCS
Sampler: N/A

Sample ID: 8270SIM LCS
Matrix: WA

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Date of Extraction	Analyst
Naphthalene	4.3	5.0	85%	ug/L	2/10/2004	2/04/2004 15:43	SDB
2-Methylnaphthalene	4.3	5.0	86%	ug/L	2/10/2004	2/04/2004 15:43	SDB
1-Methylnaphthalene	4.4	5.0	87%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Acenaphthylene	3.8	5.0	76%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Acenaphthene	4.4	5.0	88%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Fluorene	4.3	5.0	85%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Phenanthrene	4.7	5.0	94%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Anthracene	4.2	5.0	84%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Fluoranthene	3.7	5.0	74%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Pyrene	6.3	5.0	126%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Benzo(a)anthracene	4.6	5.0	93%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Chrysene	5.1	5.0	101%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Indeno(1,2,3-cd)pyrene	5.5	5.0	110%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Benzo(b)fluoranthene	4.6	5.0	92%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Benzo(k)fluoranthene	4.6	5.0	92%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Benzo(a)pyrene	4.5	5.0	89%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Dibenz(a,h)anthracene	4.7	5.0	95%	ug/L	2/10/2004	2/04/2004 15:43	SDB
Benzo(g,h,i)perylene	4.8	5.0	96%	ug/L	2/10/2004	2/04/2004 15:43	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	98.8	1.0X	%	8270SIM	2/10/2004	2/04/2004 15:43	SDB
2-Fluorobiphenyl	101	1.0X	%	8270SIM	2/10/2004	2/04/2004 15:43	SDB
Terphenyl-d14	122	1.0X	%	8270SIM	2/10/2004	2/04/2004 15:43	SDB

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: _____

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NELAP Certified - FDH # E82001

Sample Number: PAH WATER MB
Sampler: N/A

Sample ID: 8270SIM Method Blank
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
2-Methylnaphthalene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
1-Methylnaphthalene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Acenaphthylene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Acenaphthene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Fluorene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Phenanthrene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Anthracene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Fluoranthene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Pyrene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Benzo(a)anthracene	0.2	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Chrysene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Indeno(1,2,3-cd)pyrene	0.2	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Benzo(b)fluoranthene	0.2	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Benzo(k)fluoranthene	0.5	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Benzo(a)pyrene	0.2	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Dibenz(a,h)anthracene	0.2	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Benzo(g,h,i)perylene	1.0	U	1.0X	ug/L	8270SIM	2/10/2004	2/04/2004 14:50	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	89.4	1.0X	%	8270SIM	2/10/2004	2/04/2004 14:50	SDB
2-Fluorobiphenyl	104	1.0X	%	8270SIM	2/10/2004	2/04/2004 14:50	SDB
Terphenyl-d14	135	1.0X	%	8270SIM	2/10/2004	2/04/2004 14:50	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

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Sample Number: PRO WATER LCS
Sampler: N/A

Sample ID: FLPRO LCS/LCSD
Matrix: WA

Parameter	LCS Found	LCS Target	LCS Percent Recovery	LCSD Found	LCSD Target	LCSD Percent Recovery	RPD
C8-C40	2.6	3.8	68%	2.6	3.8	69%	1.37%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	94.1	1.0X	%	FLPRO	2/21/2004 12:00	02/07/2004	MD
Nonatriacontane	198	1.0X	%	FLPRO	2/21/2004 12:00	02/07/2004	MD

Sample Number: PRO WATER MB
Sampler: N/A

Sample ID: FLPRO Method Blank
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.2		1.0X	mg/L	FLPRO	2/21/2004 12:00	02/07/2004	MD

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	120	1.0X	%	FLPRO	2/21/2004 12:00	02/07/2004	MD
Nonatriacontane	278	1.0X	%	FLPRO	2/21/2004 12:00	02/07/2004	MD

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: _____

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April 27th, 2004

Scott Burgard
Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

Dear Mr. Burgard,

Enclosed are the analytical results for the RTS water and sediment samples for metals we received February 4th and February 9th, 2004 (Login Batch Numbers: 20448 and 20427 (Metals)).

All data were determined in accordance with published procedures (EPA-600/4-79-020, *Methods for Chemical Analysis of Water and Wastes*, Revised March 1983; and *EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW_8420, December 1992, 3rd Edition incl. Updates I-III; and *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992). Our laboratory is NELAP Certified (Florida Department of Health #E82001).

Unless otherwise noted in the report case narrative, all QC requirements, including holding times, were within method acceptance criteria.

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Tara Bardi
Project Manager

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Report of Analyses for Metals (PPB-00000813)

Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

March 5th, 2004

FDH # E82001

Attention: Scott Burgard

Sample Information

Project Names: RTS CAMUS 0204 and RTS 0209
Login Batch Numbers: 20448 and 20427
Dates Received: February 4th, 2004 at 09:40 and February 9th, 2004 at 17:15
Sampler: CLIENT

Sample ID	Sample Number	Sample Date	Sample Time	Matrix
EW-1	251351	2004-02-03	1100	WA
EW-2	251352	2004-02-03	1400	WA
EW-3	251353	2004-02-03	1430	WA
EW-4	251354	2004-02-03	1515	WA
EW-5	251355	2004-02-03	1630	WA
EW-6	251356	2004-02-03	1600	WA
NER	251537	2004-02-09	1145	SO
NPC	251538	2004-02-09	1215	SO
NPP	251539	2004-02-09	1520	SO
AWO	251540	2004-02-09	1600	SO
RS	251541	2004-02-09	1430	SO
NWR	251542	2004-02-09	1640	SO
SWR	251543	2004-02-09	1650	SO

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Report of Results

Sample Number	Station ID	AS/T/ICP (ug/L) EPA 200.7	AS/D/ICP (ug/L) EPA 200.7D	CD/T/ICP (ug/L) EPA 200.7	CD/D/ICP (ug/L) EPA 200.7D
251351	EW-1	3.7 I	10.1	2.8	2.3
251352	EW-2	2.5 U	9.1 I	0.4 U	0.4 U
251353	EW-3	2.5 U	6.7 I	0.4 U	0.4 U
251354	EW-4	2.5 U	5.0 I	0.4 U	0.4 U
251355	EW-5	5.0 I	10.2	0.4 U	0.4 U
251356	EW-6	2.5 U	3.3 I	0.4 U	0.4 U

Sample Number	Station ID	CR/T/ICP (ug/L) EPA 200.7	CR/D/ICP (ug/L) EPA 200.7D	PB/T/ICP (ug/L) EPA 200.7	PB/D/ICP (ug/L) EPA 200.7D
251351	EW-1	0.5 U	2.8	3.0 I	5.4 I
251352	EW-2	15.5	1.9 I	14.9	4.1 I
251353	EW-3	2.5	2.0 I	2.4 U	2.4 U
251354	EW-4	2.5	1.1 I	2.4 U	3.6 I
251355	EW-5	11.2	3.0	40.2	2.7 I
251356	EW-6	2.5	0.5 U	2.4 U	2.4 U

Sample Number	Station ID	AS/S/ICP (mg/kg) EPA 6010	CD/S/ICP (mg/kg) EPA 6010	CR/S/ICP (mg/kg) EPA 6010	PB/S/ICP (mg/kg) EPA 6010	%SOLIDS (%) EPA 160.3
251537	NER	0.2	0.1 I	2.0	2.2	94.8
251538	NPC	1.1	0.8	14.0	43.5	84.4
251539	NPP	0.5	0.1 I	2.8	12.2	92.3
251540	AWO	0.6	0.3 I	4.7	23.9	87.6
251541	RS	0.6	1.9	7.1	29.4	84.0
251542	NWR	0.2	0.1 U	1.9	1.3	87.1
251543	SWR	0.2	0.2 I	4.0	3.6	77.4

U = Result below detection or reporting limit. See QC page.
I = Result below practical quantitation limit (four times the method detection limit). See QC page.

Water and Air Research
Batch Numbers: 20448 and 20427
Received On: 02/04/04 and 02/09/04

Project Manager: _____

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NELAP Certified - FDH # E82001

QC Report

Duplicates

Analyte (Units)	Method Detection or Reporting Limit	Sample Number	Sample ID	Value 1	Value 2	Range	% RSD	Range Limit	% RSD Control Limit
AS/T/ICP (ug/L)	2.5 ug/L	251354	EW-4	<2.5	<2.5	0.0	0	10	15
AS/D/ICP (ug/L)	2.5 ug/L	251352	EW-2	9.1	8.5	0.6	4.82	10	15
CD/T/ICP (ug/L)	0.4 ug/L	251354	EW-4	<0.4	<0.4	0.0	0	1.6	15
CD/D/ICP (ug/L)	0.4 ug/L	251352	EW-2	<0.4	<0.4	0.0	0	1.6	15
CR/T/ICP (ug/L)	0.5 ug/L	251354	EW-4	2.5	2.7	0.2	5.44	2	15
CR/D/ICP (ug/L)	0.5 ug/L	251352	EW-2	1.9	1.9	0.0	0	2	15
PB/T/ICP (ug/L)	2.4 ug/L	251354	EW-4	<2.4	<2.4	0.0	0	9.6	15
PB/D/ICP (ug/L)	2.4 ug/L	251352	EW-2	4.1	2.9	1.2	24.24	9.6	15
%SOLIDS (%)	0.1 %	251542	NWR	87.1	87.4	0.3	0.24	0.4	15

Water and Air Research
Batch Numbers: 20448 and 20427
Received On: 02/04/04 and 02/09/04

Project Manager: _____

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Spikes

Analyte (Units)	Method Detection or Reporting Limit	Sample Number	Sample ID	% MS	% MSD	Spike Recovery Control Limits	% RSD	% RSD Control Limit
AS/T/ICP (ug/L)	2.5 ug/L	251355	EW-5	95	88	75-125%	5.39	15
AS/D/ICP (ug/L)	2.5 ug/L	251351	EW-1	104	105	70-130%	0.67	15
CD/T/ICP (ug/L)	0.4 ug/L	251355	EW-5	93	90	75-125%	2.31	15
CD/D/ICP (ug/L)	0.4 ug/L	251351	EW-1	101	NA	70-130%	NA	15
CR/T/ICP (ug/L)	0.5 ug/L	251355	EW-5	94	97	75-125%	2.21	15
CR/D/ICP (ug/L)	0.5 ug/L	251351	EW-1	101	102	70-130%	0.69	15
PB/T/ICP (ug/L)	2.4 ug/L	251355	EW-5	85	98	75-125%	10.02	15
PB/D/ICP (ug/L)	2.4 ug/L	251351	EW-1	100	99	70-130%	0.71	15
AS/S/ICP (mg/kg)	0 mg/kg	251541	RS	98	NA	75-125%	NA	15
CD/S/ICP (mg/kg)	0.1 mg/kg	251541	RS	95	NA	75-125%	NA	15
CR/S/ICP (mg/kg)	0.04 mg/kg	251541	RS	94	NA	75-125%	NA	15
PB/S/ICP (mg/kg)	0.2 mg/kg	251541	RS	96	NA	75-125%	NA	15

Water and Air Research
Batch Numbers: 20448 and 20427
Received On: 02/04/04 and 02/09/04

Project Manager: _____

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References

Analyte (Units)	Method Detection or Reporting Limit	Reference ID	Target	Found	% Recovery	Control Limits
AS/T/ICP (ug/L)	2.5 ug/L	ICV	2000	2020	101	95-105%
AS/T/ICP (ug/L)	2.5 ug/L	TLCS1-9529	20.0	21.0	105	85-115%
AS/D/ICP (ug/L)	2.5 ug/L	ICV	2000	1960	98	95-105%
CD/T/ICP (ug/L)	0.4 ug/L	ICV	2000	2010	100	95-105%
CD/T/ICP (ug/L)	0.4 ug/L	TLCS1-9529	5.00	4.5	89	85-115%
CD/T/ICP (ug/L)	0.4 ug/L	TLCS1-9516	5.00	4.5	90	85-115%
CD/D/ICP (ug/L)	0.4 ug/L	ICV	2000	1950	97	95-105%
CR/T/ICP (ug/L)	0.5 ug/L	ICV	2000	2020	101	95-105%
CR/T/ICP (ug/L)	0.5 ug/L	TLCS1-9529	100	95.4	95	85-115%
CR/D/ICP (ug/L)	0.5 ug/L	ICV	2000	1960	98	95-105%
PB/T/ICP (ug/L)	2.4 ug/L	ICV	2000	2020	101	95-105%
PB/T/ICP (ug/L)	2.4 ug/L	TLCS1-9529	20.0	19.2	96	85-115%
PB/T/ICP (ug/L)	2.4 ug/L	TLCS1-9516	20.0	18.5	92	85-115%
PB/D/ICP (ug/L)	2.4 ug/L	ICV	2000	1910	96	95-105%
AS/S/ICP (mg/kg)	0 mg/kg	SLCS1-9555	173	168	97	85-115%
AS/S/ICP (mg/kg)	0 mg/kg	ICV	2000	2050	103	95-105%
CD/S/ICP (mg/kg)	0.1 mg/kg	SLCS1-9555	142	129	91	85-115%
CD/S/ICP (mg/kg)	0.1 mg/kg	ICV	2000	2070	104	95-105%
CR/S/ICP (mg/kg)	0.04 mg/kg	SLCS1-9555	72.8	67.9	93	85-115%
CR/S/ICP (mg/kg)	0.04 mg/kg	ICV	2000	2050	103	95-105%
PB/S/ICP (mg/kg)	0.2 mg/kg	SLCS1-9555	149	148	99	85-115%
PB/S/ICP (mg/kg)	0.2 mg/kg	ICV	2000	2030	102	95-105%

Method Blanks

Analyte (Units)	Method Detection or Reporting Limit	Blank Concentration	Analytical Batch
%SOLIDS (%)	0.1 %	<0.1	61475

Water and Air Research
Batch Numbers: 20448 and 20427
Received On: 02/04/04 and 02/09/04

Project Manager:

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NELAP Certified - FDH # E82001

Date, Time, Analyst Report

Analysis	Method	Analytical Batch No.	Prep Date	Prep By	Analysis Date	Analysis Time	Analyzed By	Matrix
AS/T/ICP	EPA 200.7	61405	2004-02-04	ECS	2004-02-05	1114	KTB	WA
AS/D/ICP	EPA 200.7D	61421	N/A	N/A	2004-02-09	1032	KTB	WA
CD/T/ICP	EPA 200.7	61405	2004-02-04	ECS	2004-02-05	1114	KTB	WA
CD/D/ICP	EPA 200.7D	61421	N/A	N/A	2004-02-09	1032	KTB	WA
CR/T/ICP	EPA 200.7	61405	2004-02-04	ECS	2004-02-05	1114	KTB	WA
CR/D/ICP	EPA 200.7D	61421	N/A	N/A	2004-02-09	1032	KTB	WA
PB/T/ICP	EPA 200.7	61405	2004-02-04	ECS	2004-02-05	1114	KTB	WA
PB/D/ICP	EPA 200.7D	61421	N/A	N/A	2004-02-09	1032	KTB	WA
%SOLIDS	EPA 160.3	61475	N/A	N/A	2004-02-12	1225	SEA	SO
AS/S/ICP	EPA 6010	61516	2004-02-16	ECS	2004-02-17	1026	KTB	SO
CD/S/ICP	EPA 6010	61516	2004-02-16	ECS	2004-02-17	1026	KTB	SO
CR/S/ICP	EPA 6010	61516	2004-02-16	ECS	2004-02-17	1026	KTB	SO
PB/S/ICP	EPA 6010	61516	2004-02-16	ECS	2004-02-17	1026	KTB	SO

Water and Air Research
Batch Numbers: 20448 and 20427
Received On: 02/04/04 and 02/09/04

Project Manager: _____

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April 27th, 2004

Scott Burgard
Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

Dear Mr. Burgard,

Enclosed are the analytical results for the RTS sediment samples for volatile organics we received February 9th, 2004 (Login Batch Number: 20449).

All data was determined in accordance with published procedures (EPA-600/4-79-020, *Methods for Chemical Analysis of Water and Wastes*, Revised March 1983; and *EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW_8420, December 1992, 3rd Edition incl. Updates I-III; and *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992). Our laboratory is NELAP Certified (Florida Department of Health #E82001).

Unless otherwise noted in the report case narrative, all QC requirements, including holding times, were within method acceptance criteria.

Case Narrative:
Some samples required dilution and reanalysis due to an extremely complex matrix. Sample AWO (lab ID 251547 login batch 20449) analyzed by SW-846 8260, required dilution for sec-butylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene. These compounds were above the highest calibration standard. The sample required multiple reruns due to the complex matrix and was rerun out of hold.

Sample RS (lab ID 251548) analyzed by SW-846 8260, had a detect for acetone at 300 ppb. The sample was rerun at an 8x dilution. Due to severe matrix interference, the laboratory was unable to detect acetone from the background interference. Therefore, the original run is reported. Because the concentration is above the highest point in the calibration curve, the acetone concentration is qualified and reported as an estimated concentration and flagged with a "J" code.

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Tara Bardi
Project Manager

PPB ENVIRONMENTAL LABORATORIES, INC.

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Report of Analyses for Volatile Organics (PPB-00000803)

Project Name: RTS 020904 **Date Received:** February 9th, 2004

Sample Number: 251544
Date Sampled: 02/09/04 11:45
Sampler: CLIENT

Sample ID: NER
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
chloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
vinyl chloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
bromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
chloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
trichlorofluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
Acetone	18.7		1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
iodomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
methylene chloride	0.8		1.0X	ug/kg	8260	2/20/2004 19:31	FDR
t-1,2-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
MTBE	3.2	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
vinyl acetate	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
2,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
2-butanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
c-1,2-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
bromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
chloroform	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1,1-trichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
carbon tetrachloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
benzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
trichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
dibromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
bromodichloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
2-chloroethyl vinyl ether	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
c-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
4-methyl-2-pentanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
toluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
t-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1,2-trichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
tetrachloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,3-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
2-hexanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
dibromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2-dibromoethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
chlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR

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Sample Results (Sample #251544 Sample I.D. NER) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,1,2-tetrachloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
ethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
m & p-xylene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
o-xylene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
styrene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
bromoform	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
bromobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,1,2,2-tetrachloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2,3-trichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
n-propylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
2-chlorotoluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
4-chlorotoluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,3,5-trimethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
tert-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2,4-trimethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
sec-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,3-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,4-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
n-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2-dibromo-3-chloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2,4-trichlorobenzen	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
hexachlorobutadiene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
naphthalene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR
1,2,3-trichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 19:31	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	80.3	1.0X	%	8260	2/20/2004 19:31	FDR
toluene-d8	94.4	1.0X	%	8260	2/20/2004 19:31	FDR
4-bromofluorobenzene	97.5	1.0X	%	8260	2/20/2004 19:31	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251545
Date Sampled: 02/09/04 12:15
Sampler: CLIENT

Sample ID: NPC
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
chloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
vinyl chloride	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
bromomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
chloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
trichlorofluoromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
Acetone	7.0		1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1-dichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
iodomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
methylene chloride	0.9		1.0X	ug/kg	8260	2/20/2004 20:13	FDR
t-1,2-dichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
MTBE	3.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1-dichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
vinyl acetate	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
2,2-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
2-butanone	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
c-1,2-dichloroethen	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
bromochloromethan	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
chloroform	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1,1-trichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
carbon tetrachloride	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
benzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2-dichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
trichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
dibromomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
bromodichloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
2-chloroethyl vinyl ether	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
c-1,3-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
4-methyl-2-pentanone	0.8		1.0X	ug/kg	8260	2/20/2004 20:13	FDR
toluene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
t-1,3-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1,2-trichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
tetrachloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,3-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
2-hexanone	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
dibromochloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2-dibromoethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
chlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,1,1,2-tetrachloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
ethylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
m & p-xylene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
o-xylene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
styrene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
bromoform	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
bromobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR

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Sample Results (Sample #251545 Sample I.D. NPC) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2,3-trichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
n-propylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
2-chlorotoluene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
4-chlorotoluene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,3,5-trimethylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
tert-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2,4-trimethylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
sec-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,3-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,4-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
n-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2-dibromo-3-chloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2,4-trichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
hexachlorobutadiene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
naphthalene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR
1,2,3-trichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 20:13	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	77.1	1.0X	%	8260	2/20/2004 20:13	FDR
toluene-d8	84.6	1.0X	%	8260	2/20/2004 20:13	FDR
4-bromofluorobenzene	75.0	1.0X	%	8260	2/20/2004 20:13	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251546
Date Sampled: 02/09/04 15:20
Sampler: CLIENT

Sample ID: NPP
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
chloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
vinyl chloride	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
bromomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
chloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
trichlorofluoromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
Acetone	10.4		1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
iodomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
methylene chloride	0.8		1.0X	ug/kg	8260	2/20/2004 20:53	FDR
t-1,2-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
MTBE	3.5	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1-dichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
vinyl acetate	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
2,2-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
2-butanone	1.3		1.0X	ug/kg	8260	2/20/2004 20:53	FDR
c-1,2-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
bromochloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
chloroform	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1,1-trichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
carbon tetrachloride	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
benzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2-dichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
trichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
dibromomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
bromodichloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
2-chloroethyl vinyl ether	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
c-1,3-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
4-methyl-2-pentanone	3.6		1.0X	ug/kg	8260	2/20/2004 20:53	FDR
toluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
t-1,3-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1,2-trichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
tetrachloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,3-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
2-hexanone	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
dibromochloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2-dibromoethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
chlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,1,1,2-tetrachloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
ethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
m & p-xylene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
o-xylene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
styrene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
bromoform	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
bromobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR

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Sample Results (Sample #251546 Sample I.D. NPP) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2,3-trichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
n-propylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
2-chlorotoluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
4-chlorotoluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,3,5-trimethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
tert-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2,4-trimethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
sec-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,3-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,4-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
n-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2-dibromo-3-chloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2,4-trichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
hexachlorobutadiene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
naphthalene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR
1,2,3-trichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 20:53	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	75.6	1.0X	%	8260	2/20/2004 20:53	FDR
toluene-d8	87.6	1.0X	%	8260	2/20/2004 20:53	FDR
4-bromofluorobenzene	88.7	1.0X	%	8260	2/20/2004 20:53	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

Water and Air Research
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Received On: February 9, 2004

Project Manager: _____

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NELAP Certified - FDH # E82001

Sample Number: 251547
Date Sampled: 02/09/04 16:00
Sampler: CLIENT

Sample ID: AWO
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
chloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
vinyl chloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
bromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
chloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
trichlorofluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
Acetone	39.2		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
iodomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
methylene chloride	0.7		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
t-1,2-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
MTBE	3.1	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
vinyl acetate	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
2,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
2-butanone	9.8		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
c-1,2-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
bromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
chloroform	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1,1-trichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
carbon tetrachloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
benzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
trichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
dibromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
bromodichloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
2-chloroethyl vinyl ether	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
c-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
4-methyl-2-pentanone	0.8		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
toluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
t-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1,2-trichloroethane	1.4		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
tetrachloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,3-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
2-hexanone	5.3		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
dibromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2-dibromoethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
chlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,1,1,2-tetrachloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
ethylbenzene	25.2		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
m & p-xylene	45.9		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
o-xylene	15.9		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
styrene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
bromoform	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
bromobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR

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NELAP Certified - FDH # E82001

Sample Results (Sample #251547 Sample I.D. AWO) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	3.5		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2,3-trichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
n-propylbenzene	32.0		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
2-chlorotoluene	36.7		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
4-chlorotoluene	40.6		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,3,5-trimethylbenzene	253	Q	6.0X	ug/kg	8260	3/03/2004 22:39	FDR
tert-butylbenzene	1.1		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2,4-trimethylbenzene	1320	Q	30.0X	ug/kg	8260	3/04/2004 02:20	FDR
sec-butylbenzene	180	Q	6.0X	ug/kg	8260	3/03/2004 22:39	FDR
1,3-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,4-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
n-butylbenzene	75.4		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2-dibromo-3-chloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
1,2,4-trichlorobenzene	0.7		1.0X	ug/kg	8260	2/20/2004 21:34	FDR
hexachlorobutadiene	0.6	U	1.0X	ug/kg	8260	2/20/2004 21:34	FDR
naphthalene	182	Q	6.0X	ug/kg	8260	3/03/2004 22:39	FDR
1,2,3-trichlorobenzene	4.5		1.0X	ug/kg	8260	2/20/2004 21:34	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	79.3	1.0X	%	8260	2/20/2004 21:34	FDR
toluene-d8	95.7	1.0X	%	8260	2/20/2004 21:34	FDR
4-bromofluorobenzene	123	1.0X	%	8260	2/20/2004 21:34	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.
Q = Samples analyzed out of holding time.

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NELAP Certified - FDH # E82001

Sample Number: 251548
Date Sampled: 02/09/04 14:30
Sampler: CLIENT

Sample ID: RS
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
chloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
vinyl chloride	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
bromomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
chloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
trichlorofluoromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
Acetone	300	J	8.0X	ug/kg	8260	3/03/2004 23:19	FDR
1,1-dichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
iodomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
methylene chloride	1.3		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
t-1,2-dichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
MTBE	3.9	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1-dichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
vinyl acetate	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
2,2-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
2-butanone	74.2		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
c-1,2-dichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
bromochloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
chloroform	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1,1-trichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
carbon tetrachloride	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
benzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2-dichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
trichloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
dibromomethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
bromodichloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
2-chloroethyl vinyl ether	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
c-1,3-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
4-methyl-2-pentanone	9.0		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
toluene	23.7		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
t-1,3-dichloropropene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1,2-trichloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
tetrachloroethene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,3-dichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
2-hexanone	2.1		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
dibromochloromethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2-dibromoethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
chlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,1,1,2-tetrachloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
ethylbenzene	2.6		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
m & p-xylene	3.0		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
o-xylene	1.4		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
styrene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
bromoform	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
bromobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR

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Sample Results (Sample #251548 Sample I.D. RS) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2,3-trichloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
n-propylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
2-chlorotoluene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
4-chlorotoluene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,3,5-trimethylbenzene	1.8		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
tert-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2,4-trimethylbenzene	2.8		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
sec-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,3-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,4-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2-dichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
n-butylbenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2-dibromo-3-chloropropane	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2,4-trichlorobenzene	1.4		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
hexachlorobutadiene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR
naphthalene	6.5		1.0X	ug/kg	8260	2/20/2004 22:14	FDR
1,2,3-trichlorobenzene	0.8	U	1.0X	ug/kg	8260	2/20/2004 22:14	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	92.2	1.0X	%	8260	2/20/2004 22:14	FDR
toluene-d8	65.1	1.0X	%	8260	2/20/2004 22:14	FDR
4-bromofluorobenzene	56.1	1.0X	%	8260	2/20/2004 22:14	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.
J = Estimated concentration. See case narrative.

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Project Manager: TW

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Sample Number: 251549
Date Sampled: 02/09/04 16:40
Sampler: CLIENT

Sample ID: NWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
chloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
vinyl chloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
bromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
chloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
trichlorofluoromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
Acetone	5.8		1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
iodomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
methylene chloride	0.8		1.0X	ug/kg	8260	2/20/2004 22:54	FDR
t-1,2-dichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
MTBE	2.9	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
vinyl acetate	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
2,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
2-butanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
c-1,2-dic'.loroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
bromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
chloroform	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1,1-trichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
carbon tetrachloride	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
benzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2-dichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
trichloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
dibromomethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
bromodichloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
2-chloroethyl vinyl ether	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
c-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
4-methyl-2-pentanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
toluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
t-1,3-dichloropropene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1,2-trichloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
tetrachloroethene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,3-dichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
2-hexanone	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
dibromochloromethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2-dibromoethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
chlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,1,1,2-tetrachloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
ethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
m & p-xylene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
o-xylene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
styrene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
bromoform	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
bromobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR

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NELAP Certified - FDH # E82001

Sample Results (Sample #251549 Sample I.D. NWR) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2,3-trichloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
n-propylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
2-chlorotoluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
4-chlorotoluene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,3,5-trimethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
tert-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2,4-trimethylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
sec-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,3-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,4-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2-dichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
n-butylbenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2-dibromo-3-chloropropane	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2,4-trichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
hexachlorobutadiene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
naphthalene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR
1,2,3-trichlorobenzene	0.6	U	1.0X	ug/kg	8260	2/20/2004 22:54	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	78.4	1.0X	%	8260	2/20/2004 22:54	FDR
toluene-d8	91.2	1.0X	%	8260	2/20/2004 22:54	FDR
4-bromofluorobenzene	93.4	1.0X	%	8260	2/20/2004 22:54	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251549
Date Sampled: 02/09/04 16:40
Sampler: CLIENT

Sample ID: 251549 MS/MSD
Date Received: 02/09/04 17:15
Matrix: SO

Parameter	Native	MS Found	MS Target	MS Percent Recovery	MSD Found	MSD Target	MSD Percent Recovery	RPD
1,1-dichloroethene	0.6 U	41.2	32.1	128%	42.2	32.1	132%	2.55%
benzene	0.6 U	39.9	32.1	125%	40.1	32.1	125%	0.43%
trichloroethene	0.6 U	38.2	32.1	119%	39.0	32.1	122%	2.14%
toluene	0.6 U	39.4	32.1	123%	41.8	32.1	130%	5.89%
chlorobenzene	0.6 U	41.2	32.1	128%	40.4	32.1	126%	1.86%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Analyst
dibromofluoromethane	80.1	1.0X	%	8260	2/23/2004 23:23	FDR
toluene-d8	93.1	1.0X	%	8260	2/23/2004 23:23	FDR
4-bromofluorobenzene	95.1	1.0X	%	8260	2/23/2004 23:23	FDR
dibromofluoromethane	78.8	1.0X	%	8260	2/23/2004 23:23	FDR
toluene-d8	92.5	1.0X	%	8260	2/23/2004 23:23	FDR
4-bromofluorobenzene	92.9	1.0X	%	8260	2/23/2004 23:23	FDR

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Sample Number: 251550
Date Sampled: 02/09/04 16:15
Sampler: CLIENT

Sample ID: SWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
chloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
vinyl chloride	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
bromomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
chloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
trichlorofluoromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
Acetone	6.6		1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
iodomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
methylene chloride	0.7		1.0X	ug/kg	8260	2/20/2004 23:34	FDR
t-1,2-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
MTBE	3.3	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1-dichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
vinyl acetate	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
2,2-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
2-butanone	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
c-1,2-dichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
bromochloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
chloroform	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1,1-trichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
carbon tetrachloride	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
benzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2-dichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
trichloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
dibromomethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
bromodichloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
2-chloroethyl vinyl ether	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
c-1,3-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
4-methyl-2-pentanone	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
toluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
t-1,3-dichloropropene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1,2-trichloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
tetrachloroethene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,3-dichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
2-hexanone	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
dibromochloromethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2-dibromoethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
chlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,1,1,2-tetrachloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
ethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
m & p-xylene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
o-xylene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
styrene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
bromoform	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
bromobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR

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Sample Results (Sample #251550 Sample I.D. SWR) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2,3-trichloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
n-propylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
2-chlorotoluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
4-chlorotoluene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,3,5-trimethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
tert-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2,4-trimethylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
sec-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,3-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,4-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2-dichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
n-butylbenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2-dibromo-3-chloropropane	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2,4-trichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
hexachlorobutadiene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
naphthalene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR
1,2,3-trichlorobenzene	0.7	U	1.0X	ug/kg	8260	2/20/2004 23:34	FDR

Surrogate Recoveries						
Par meter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibr .nofluoromethane	76.0	1.0X	%	8260	2/20/2004 23:34	FDR
toluene-d8	88.4	1.0X	%	8260	2/20/2004 23:34	FDR
4-bromofluorobenzene	89.9	1.0X	%	8260	2/20/2004 23:34	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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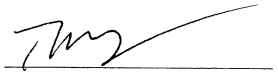
Project Manager: 

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Sample Number: 8260 SOIL LCS
Sampler: N/A
Sample ID: 8260 LCS
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Analyst
1,1-dichloroethene	51.3	50.0	103%	ug/kg	2/20/2004 18:07	FDR
benzene	48.8	50.0	98%	ug/kg	2/20/2004 18:07	FDR
trichloroethene	47.8	50.0	96%	ug/kg	2/20/2004 18:07	FDR
toluene	50.9	50.0	102%	ug/kg	2/20/2004 18:07	FDR
chlorobenzene	53.0	50.0	106%	ug/kg	2/20/2004 18:07	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	77.5	1.0X	%	8260	2/20/2004 18:07	FDR
toluene-d8	84.0	1.0X	%	8260	2/20/2004 18:07	FDR
4-bromofluorobenzene	88.8	1.0X	%	8260	2/20/2004 18:07	FDR

Sample Number: 8260 SOIL LCS2
Sampler: N/A
Sample ID: 8260 LCS
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Analyst
1,1-dichloroethene	50.7	50.0	101%	ug/kg	2/22/2004 02:42	FDR
benzene	45.9	50.0	92%	ug/kg	2/22/2004 02:42	FDR
trichloroethene	44.2	50.0	88%	ug/kg	2/22/2004 02:42	FDR
toluene	47.3	50.0	95%	ug/kg	2/22/2004 02:42	FDR
chlorobenzene	48.6	50.0	97%	ug/kg	2/22/2004 02:42	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	79.4	1.0X	%	8260	2/22/2004 02:42	FDR
toluene-d8	84.2	1.0X	%	8260	2/22/2004 02:42	FDR
4-bromofluorobenzene	90.0	1.0X	%	8260	2/22/2004 02:42	FDR

Sample Number: 8260 SOIL LCS3
Sampler: N/A
Sample ID: 8260 LCS
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Analyst
1,1-dichloroethene	56.5	50.0	113%	ug/kg	3/03/2004 17:03	FDR
benzene	50.2	50.0	100%	ug/kg	3/03/2004 17:03	FDR
trichloroethene	47.7	50.0	95%	ug/kg	3/03/2004 17:03	FDR
toluene	50.9	50.0	102%	ug/kg	3/03/2004 17:03	FDR
chlorobenzene	42.6	50.0	85%	ug/kg	3/03/2004 17:03	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	99.8	1.0X	%	8260	3/03/2004 17:03	FDR
toluene-d8	101	1.0X	%	8260	3/03/2004 17:03	FDR
4-bromofluorobenzene	81.5	1.0X	%	8260	3/03/2004 17:03	FDR

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Sample Number: 8260 SOIL MB
Sampler: N/A

Sample ID: 8260 Method Blank
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
chloromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
vinyl chloride	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
bromomethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
chloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
Acetone	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
iodomethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
methylene chloride	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
MTBE	5.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
vinyl acetate	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
2-Butanone	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
bromochloromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
chloroform	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
carbon tetrachloride	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
benzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
trichloroethene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
dibromomethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
bromodichloromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
toluene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
tetrachloroethene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
2-hexanone	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
dibromochloromethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
chlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
ethylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
m & p-xylene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
o-xylene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
styrene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
bromoform	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
bromobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR

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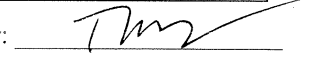
Project Manager: 

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Sample Results (8260 Soil Method Blank 1) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
n-propylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
2-chlorotoluene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
4-chlorotoluene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
tert-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
sec-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
n-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
naphthalene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/20/2004 17:26	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	77.2	1.0X	%	8260	2/20/2004 17:26	FDR
toluene-d8	84.2	1.0X	%	8260	2/20/2004 17:26	FDR
4-bromofluorobenzene	89.4	1.0X	%	8260	2/20/2004 17:26	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 8260 SOIL MB2
Sampler: N/A

Sample ID: 8260 Method Blank
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
chloromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
vinyl chloride	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
bromomethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
chloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
Acetone	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
iodomethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
methylene chloride	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
MTBE	5.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
vinyl acetate	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
2-butanone	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
bromochloromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
chloroform	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
carbon tetrachloride	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
benzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
trichloroethene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
dibromomethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
bromodichloromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
toluene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
tetrachloroethene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
2-hexanone	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
dibromochloromethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
chlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
ethylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
m & p-xylene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
o-xylene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
styrene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
bromoform	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
bromobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR

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Sample Results (8260 soil Method Blank 2) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,2,3-trichloropropane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
n-propylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
2-chlorotoluene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
4-chlorotoluene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
tert-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
sec-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
n-butylbenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
naphthalene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	2/22/2004 02:05	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	79.1	1.0X	%	8260	2/22/2004 02:05	FDR
toluene-d8	84.7	1.0X	%	8260	2/22/2004 02:05	FDR
4-bromofluorobenzene	89.5	1.0X	%	8260	2/22/2004 02:05	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 8260 SOIL MB3
Sampler: N/A

Sample ID: 8260 Method Blank
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
chloromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
vinyl chloride	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
bromomethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
chloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
Acetone	1.4		1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
iodomethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
methylene chloride	10.2		1.0X	ug/kg	8260	3/03/2004 16:21	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
MTBE	5.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
vinyl acetate	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
2-butanone	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
bromochloromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
chloroform	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
carbon tetrachloride	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
benzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
trichloroethene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
dibromomethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
bromodichloromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
4-methyl-2-pentanone	4.3		1.0X	ug/kg	8260	3/03/2004 16:21	FDR
toluene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
tetrachloroethene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
2-hexanone	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
dibromochloromethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
chlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
ethylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
m & p-xylene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
o-xylene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
styrene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
bromoform	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
bromobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR

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Sample Results (8260 Soil Method Blank 3) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,2,3-trichloropropane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
n-propylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
2-chlorotoluene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
4-chlorotoluene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
tert-butylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
sec-butylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
n-butylbenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
naphthalene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/kg	8260	3/03/2004 16:21	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	99.8	1.0X	%	8260	3/03/2004 16:21	FDR
toluene-d8	99.5	1.0X	%	8260	3/03/2004 16:21	FDR
4-bromofluorobenzene	81.7	1.0X	%	8260	3/03/2004 16:21	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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April 27th, 2004

Scott Burgard
Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

Dear Mr. Burgard,

Enclosed are the analytical results for the RTS sediment samples for PAHs and FL PRO we received February 9th, 2004 (Login Batch Number: 20448).

All data were determined in accordance with published procedures (EPA-600/4-79-020, *Methods for Chemical Analysis of Water and Wastes*, Revised March 1983; and *EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW_8420, December 1992, 3rd Edition incl. Updates I-III; and *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992). Our laboratory is NELAP Certified (Florida Department of Health #E82001).

Unless otherwise noted in the report case narrative, all QC requirements, including holding times, were within method acceptance criteria.

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Tara Bardi
Project Manager

PPB ENVIRONMENTAL LABORATORIES, INC.

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NELAP Certified - FDH # E82001

Report of Analyses for PAHs and FL PRO (PPB-00000787)

Project Name: RTS 0209 **Date Received:** February 9th, 2004

Sample Number: 251537
Date Sampled: 02/09/04 11:45
Sampler: CLIENT

Sample ID: NER
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
2-Methylnaphthalene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
1-Methylnaphthalene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Acenaphthylene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Acenaphthene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Fluorene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Phenanthrene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Anthracene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Fluoranthene	217	*	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Pyrene	355	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Benzo(a)anthracene	99.4		10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Chrysene	99.4	*	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Indeno(1,2,3-cd)pyrene	234		10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Benzo(b)fluoranthene	227		10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Benzo(k)fluoranthene	178	U	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Benzo(a)pyrene	170		10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Dibenz(a,h)anthracene	121		10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Benzo(g,h,i)perylene	178	*	10.0X	ug/kg	8270SIM	02/24/2004	2/20/2004 13:15	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	66.0	10.0X	%	8270SIM	02/24/2004	2/20/2004 13:15	SDB
2-Fluorobiphenyl	70.0	10.0X	%	8270SIM	02/24/2004	2/20/2004 13:15	SDB
Terphenyl-d14	54.0	10.0X	%	8270SIM	02/24/2004	2/20/2004 13:15	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251537
Date Sampled: 02/09/04 11:45
Sampler: CLIENT

Sample ID: NER
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	51.2		1.0X	mg/kg	FLPRO	02/24/2004	2/21/2004 21:33	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	90.0	1.0X	%	FLPRO	02/24/2004	2/21/2004 21:33	SDB
Nonatriacontane	239	1.0X	%	FLPRO	02/24/2004	2/21/2004 21:33	SDB

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NELAP Certified - FDH # E82001

Sample Number: 251537
Date Sampled: 02/09/04 11:45
Sampler: CLIENT

Sample ID: 251537 MS/MSD
Date Received: 02/09/04 17:15
Matrix: SO

Parameter	Native	MS Found	MS Target	MS Percent Recovery	MSD Found	MSD Target	MSD Percent Recovery	RPD
Naphthalene	355.2 U	81.4	177	46%	97.5	177	55%	17.96%
2-Methylnaphthalene	355.2 U	85.0	177	48%	97.5	177	55%	13.73%
1-Methylnaphthalene	355.2 U	85.0	177	48%	101	177	57%	17.22%
Acenaphthylene	355.2 U	124	177	70%	136	177	77%	9.15%
Acenaphthene	355.2 U	110	177	62%	122	177	69%	10.46%
Fluorene	355.2 U	135	177	76%	150	177	85%	10.69%
Phenanthrene	355.2 U	117	177	66%	132	177	75%	12.43%
Anthracene	355.2 U	149	177	84%	160	177	90%	7.43%
Fluoranthene	217	209	177	-4%	233	177	9%	11.04%
Pyrene	355.2 U	77.9	177	44%	59.2	177	33%	27.28%
Benzo(a)anthracene	99.4	177	177	44%	181	177	46%	2.26%
Chrysene	99.4	149	177	28%	153	177	30%	2.99%
Indeno(1,2,3-cd)pyrene	234	262	177	16%	299	177	37%	13.34%
Benzo(b)fluoranthene	227	248	177	12%	240	177	7%	3.10%
Benzo(k)fluoranthene	177.6 U	156	177	88%	153	177	87%	1.66%
Benzo(a)pyrene	170	223	177	30%	216	177	26%	3.26%
Dibenz(a,h)anthracene	121	198	177	44%	205	177	48%	3.55%
Benzo(g,h,i)perylene	178	230	177	30%	230	177	29%	0.14%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	72.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB
2-Fluorobiphenyl	62.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB
Terphenyl-d14	56.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB
Nitrobenzene-d5	70.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB
2-Fluorobiphenyl	72.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB
Terphenyl-d14	54.0	10.0X	%	8270SIM	2/20/2004 12:25	2/11/2004	SDB

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Sample Number: 251538
Date Sampled: 02/09/04 12:15
Sampler: CLIENT

Sample ID: NPC
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
2-Methylnaphthalene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
1-Methylnaphthalene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Acenaphthylene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Acenaphthene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Fluorene	7980	U	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Phenanthrene	3190	*	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Anthracene	1600	*	200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Fluoranthene	12900		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Pyrene	12400		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Benzo(a)anthracene	7580		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Chrysene	10800		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	12000		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Benzo(b)fluoranthene	16800		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Benzo(k)fluoranthene	5270		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Benzo(a)pyrene	10600		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Dibenz(a,h)anthracene	2710		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Benzo(g,h,i)perylene	9410		200.0X	ug/kg	8270SIM	2/20/2004 14:09	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	0.0	200.0X	%	8270SIM	2/20/2004 14:09	2/11/2004	SDB
2-Fluorobiphenyl	0.0	200.0X	%	8270SIM	2/20/2004 14:09	2/11/2004	SDB
Terphenyl-d14	0.0	200.0X	%	8270SIM	2/20/2004 14:09	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251538
Date Sampled: 02/09/04 12:15
Sampler: CLIENT

Sample ID: NPC
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	637		4.0X	mg/kg	FLPRO	2/22/2004 15:13	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	68.7	4.0X	%	FLPRO	2/22/2004 15:13	2/13/2004	SDB
Nonatriacontane	189	4.0X	%	FLPRO	2/22/2004 15:13	2/13/2004	SDB

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Sample Number: 251539
Date Sampled: 02/09/04 15:20
Sampler: CLIENT

Sample ID: NPP
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
2-Methylnaphthalene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
1-Methylnaphthalene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Acenaphthylene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Acenaphthene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Fluorene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Phenanthrene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Anthracene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Fluoranthene	155	*	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Pyrene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Benzo(a)anthracene	88.4		10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Chrysene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	181		10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Benzo(b)fluoranthene	73.7	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Benzo(k)fluoranthene	136	*	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Benzo(a)pyrene	136		10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Dibenz(a,h)anthracene	118		10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Benzo(g,h,i)perylene	369	U	10.0X	ug/kg	8270SIM	2/20/2004 15:00	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	66.0	10.0X	%	8270SIM	2/20/2004 15:00	2/11/2004	SDB
2-Fluorobiphenyl	60.0	10.0X	%	8270SIM	2/20/2004 15:00	2/11/2004	SDB
Terphenyl-d14	56.0	10.0X	%	8270SIM	2/20/2004 15:00	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251539
Date Sampled: 02/09/04 15:20
Sampler: CLIENT

Sample ID: NPP
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	617		4.0X	mg/kg	FLPRO	2/22/2004 15:52	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	80.8	4.0X	%	FLPRO	2/22/2004 15:52	2/13/2004	SDB
Nonatriacontane	222	4.0X	%	FLPRO	2/22/2004 15:52	2/13/2004	SDB

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Sample Number: 251540
Date Sampled: 02/09/04 16:00
Sampler: CLIENT

Sample ID: AWO
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
2-Methylnaphthalene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
1-Methylnaphthalene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Acenaphthylene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Acenaphthene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Fluorene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Phenanthrene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Anthracene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Fluoranthene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Pyrene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Benzo(a)anthracene	769	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Chrysene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	769	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Benzo(b)fluoranthene	769	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Benzo(k)fluoranthene	1920	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Benzo(a)pyrene	769	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Dibenz(a,h)anthracene	769	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Benzo(g,h,i)perylene	3840	U	100.0X	ug/kg	8270SIM	2/20/2004 15:53	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	160	100.0X	%	8270SIM	2/20/2004 15:53	2/11/2004	SDB
2-Fluorobiphenyl	20.0	100.0X	%	8270SIM	2/20/2004 15:53	2/11/2004	SDB
Terphenyl-d14	0.0	100.0X	%	8270SIM	2/20/2004 15:53	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251540
Date Sampled: 02/09/04 16:00
Sampler: CLIENT

Sample ID: AWO
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	466		4.0X	mg/kg	FLPRO	2/22/2004 16:34	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	17.9	4.0X	%	FLPRO	2/22/2004 16:34	2/13/2004	SDB
Nonatriacontane	206	4.0X	%	FLPRO	2/22/2004 16:34	2/13/2004	SDB

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Sample Number: 251541
Date Sampled: 02/09/04 14:30
Sampler: CLIENT

Sample ID: RS
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
2-Methylnaphthalene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
1-Methylnaphthalene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Acenaphthylene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Acenaphthene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Fluorene	401	U	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Phenanthrene	385	*	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Anthracene	184	*	10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Fluoranthene	1810		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Pyrene	1500		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Benzo(a)anthracene	790		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Chrysene	938		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	3460		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Benzo(b)fluoranthene	3580		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Benzo(k)fluoranthene	701		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Benzo(a)pyrene	1700		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Dibenz(a,h)anthracene	204		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Benzo(g,h,i)perylene	2140		10.0X	ug/kg	8270SIM	2/20/2004 16:44	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	86.0	10.0X	%	8270SIM	2/20/2004 16:44	2/11/2004	SDB
2-Fluorobiphenyl	70.0	10.0X	%	8270SIM	2/20/2004 16:44	2/11/2004	SDB
Terphenyl-d14	70.0	10.0X	%	8270SIM	2/20/2004 16:44	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251541
Date Sampled: 02/09/04 14:30
Sampler: CLIENT

Sample ID: RS
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	2340		10.0X	mg/kg	FLPRO	2/22/2004 17:13	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	111	10.0X	%	FLPRO	2/22/2004 17:13	2/13/2004	SDB
Nonatriacontane	194	10.0X	%	FLPRO	2/22/2004 17:13	2/13/2004	SDB

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NELAP Certified - FDH # E82001

Sample Number: 251542
Date Sampled: 02/09/04 16:40
Sampler: CLIENT

Sample ID: NWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
2-Methylnaphthalene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
1-Methylnaphthalene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Acenaphthylene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Acenaphthene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Fluorene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Phenanthrene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Anthracene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Fluoranthene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Pyrene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Benzo(a)anthracene	76.5	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Chrysene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	76.5	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Benzo(b)fluoranthene	76.5	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Benzo(k)fluoranthene	191	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Benzo(a)pyrene	76.5	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Dibenz(a,h)anthracene	76.5	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Benzo(g,h,i)perylene	383	U	10.0X	ug/kg	8270SIM	2/20/2004 17:36	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	62.0	10.0X	%	8270SIM	2/20/2004 17:36	2/11/2004	SDB
2-Fluorobiphenyl	42.0	10.0X	%	8270SIM	2/20/2004 17:36	2/11/2004	SDB
Terphenyl-d14	50.0	10.0X	%	8270SIM	2/20/2004 17:36	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

Sample Number: 251542
Date Sampled: 02/09/04 16:40
Sampler: CLIENT

Sample ID: NWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	15.1		1.0X	mg/kg	FLPRO	2/21/2004 20:51	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	85.0	1.0X	%	FLPRO	2/21/2004 20:51	2/13/2004	SDB
Nonatriacontane	257	1.0X	%	FLPRO	2/21/2004 20:51	2/13/2004	SDB

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NELAP Certified - FDH # E82001

Sample Number: 251542
Date Sampled: 02/09/04 16:40
Sampler: CLIENT

Sample ID: 251542 MS/MSD
Date Received: 02/09/04 17:15
Matrix: SO

Parameter	Native	MS Found	MS Target	MS Percent Recovery	MSD Found	MSD Target	MSD Percent Recovery	RPD
C8-C40	15.1	91.9	150	51%	89.2	150	49%	2.95%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	85.3	1.0X	%	FLPRO	02/24/2004	2/21/2004 20:09	SDB
Nonatriacontane	218	1.0X	%	FLPRO	02/24/2004	2/21/2004 20:09	SDB
OTP	79.5	1.0X	%	FLPRO	02/24/2004	2/21/2004 20:09	SDB
Nonatriacontane	237	1.0X	%	FLPRO	02/24/2004	2/21/2004 20:09	SDB

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NELAP Certified - FDH # E82001

Sample Number: 251543
Date Sampled: 02/09/04 16:50
Sampler: CLIENT

Sample ID: SWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
2-Methylnaphthalene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
1-Methylnaphthalene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Acenaphthylene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Acenaphthene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Fluorene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Phenanthrene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Anthracene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Fluoranthene	144	*	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Pyrene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Benzo(a)anthracene	87.3	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Chrysene	436	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	175		10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Benzo(b)fluoranthene	140		10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Benzo(k)fluoranthene	140	*	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Benzo(a)pyrene	87.3	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Dibenz(a,h)anthracene	87.3	U	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Benzo(g,h,i)perylene	135	*	10.0X	ug/kg	8270SIM	2/20/2004 18:30	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	82.0	10.0X	%	8270SIM	2/20/2004 18:30	2/11/2004	SDB
2-Fluorobiphenyl	56.0	10.0X	%	8270SIM	2/20/2004 18:30	2/11/2004	SDB
Terphenyl-d14	64.0	10.0X	%	8270SIM	2/20/2004 18:30	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.
* = The value reported is between the instrument limit of sensitivity and the instrument reporting limit.

Sample Number: 251543
Date Sampled: 02/09/04 16:50
Sampler: CLIENT

Sample ID: SWR
Date Received: 02/09/04 17:15
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	110		1.0X	mg/kg	FLPRO	2/22/2004 00:59	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	77.8	1.0X	%	FLPRO	2/22/2004 00:59	2/13/2004	SDB
Nonatriacontane	155	1.0X	%	FLPRO	2/22/2004 00:59	2/13/2004	SDB

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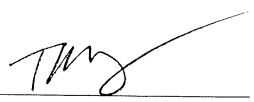
Project Manager: 

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Sample Number: PAH SOIL LCS
Sampler: N/A

Sample ID: 8270SIM LCS
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Date of Extraction	Analyst
Naphthalene	124	167	75%	ug/kg	2/20/2004	2/11/2004	SDB
2-Methylnaphthalene	125	167	75%	ug/kg	2/20/2004	2/11/2004	SDB
1-Methylnaphthalene	128	167	77%	ug/kg	2/20/2004	2/11/2004	SDB
Acenaphthylene	114	167	69%	ug/kg	2/20/2004	2/11/2004	SDB
Acenaphthene	126	167	76%	ug/kg	2/20/2004	2/11/2004	SDB
Fluorene	129	167	78%	ug/kg	2/20/2004	2/11/2004	SDB
Phenanthrene	135	167	81%	ug/kg	2/20/2004	2/11/2004	SDB
Anthracene	125	167	75%	ug/kg	2/20/2004	2/11/2004	SDB
Fluoranthene	139	167	84%	ug/kg	2/20/2004	2/11/2004	SDB
Pyrene	143	167	86%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(a)anthracene	145	167	87%	ug/kg	2/20/2004	2/11/2004	SDB
Chrysene	145	167	87%	ug/kg	2/20/2004	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	180	167	108%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(b)fluoranthene	137	167	82%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(k)fluoranthene	124	167	74%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(a)pyrene	127	167	76%	ug/kg	2/20/2004	2/11/2004	SDB
Dibenz(a,h)anthracene	140	167	84%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(g,h,i)perylene	139	167	83%	ug/kg	2/20/2004	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	62.4	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
2-Fluorobiphenyl	67.8	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
Terphenyl-d14	81.6	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB

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Sample Number: PAH SOIL LCS2
Sampler: N/A

Sample ID: 8270SIM LCS
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Date of Extraction	Analyst
Naphthalene	153	167	92%	ug/kg	2/20/2004	2/11/2004	SDB
2-Methylnaphthalene	154	167	92%	ug/kg	2/20/2004	2/11/2004	SDB
1-Methylnaphthalene	158	167	95%	ug/kg	2/20/2004	2/11/2004	SDB
Acenaphthylene	151	167	91%	ug/kg	2/20/2004	2/11/2004	SDB
Acenaphthene	157	167	94%	ug/kg	2/20/2004	2/11/2004	SDB
Fluorene	171	167	102%	ug/kg	2/20/2004	2/11/2004	SDB
Phenanthrene	162	167	97%	ug/kg	2/20/2004	2/11/2004	SDB
Anthracene	164	167	98%	ug/kg	2/20/2004	2/11/2004	SDB
Fluoranthene	207	167	124%	ug/kg	2/20/2004	2/11/2004	SDB
Pyrene	147	167	88%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(a)anthracene	188	167	113%	ug/kg	2/20/2004	2/11/2004	SDB
Chrysene	174	167	104%	ug/kg	2/20/2004	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	196	167	117%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(b)fluoranthene	177	167	106%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(k)fluoranthene	154	167	92%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(a)pyrene	166	167	100%	ug/kg	2/20/2004	2/11/2004	SDB
Dibenz(a,h)anthracene	141	167	85%	ug/kg	2/20/2004	2/11/2004	SDB
Benzo(g,h,i)perylene	136	167	81%	ug/kg	2/20/2004	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	93.0	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
2-Fluorobiphenyl	98.6	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
Terphenyl-d14	104	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB

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Sample Number: PAH SOIL MB
Sampler: N/A

Sample ID: 8270SIM Method Blank
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
2-Methylnaphthalene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
1-Methylnaphthalene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Acenaphthylene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Acenaphthene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Fluorene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Phenanthrene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Anthracene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Fluoranthene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Pyrene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(a)anthracene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Chrysene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(b)fluoranthene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(k)fluoranthene	16.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(a)pyrene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Dibenz(a,h)anthracene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(g,h,i)perylene	33.4	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	72.2	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
2-Fluorobiphenyl	70.6	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
Terphenyl-d14	90.6	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

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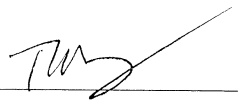
Project Manager: 

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Sample Number: PAH SOIL MB2
Sampler: N/A

Sample ID: 8270SIM Method Blank
Matrix: SO

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Naphthalene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
2-Methylnaphthalene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
1-Methylnaphthalene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Acenaphthylene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Acenaphthene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Fluorene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Phenanthrene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Anthracene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Fluoranthene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Pyrene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(a)anthracene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Chrysene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Indeno(1,2,3-cd)pyrene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(b)fluoranthene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(k)fluoranthene	16.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(a)pyrene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Dibenz(a,h)anthracene	6.7	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB
Benzo(g,h,i)perylene	33.3	U	1.0X	ug/kg	8270SIM	2/20/2004	2/11/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
Nitrobenzene-d5	88.8	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
2-Fluorobiphenyl	91.8	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB
Terphenyl-d14	96.2	1.0X	%	8270SIM	2/20/2004	2/11/2004	SDB

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: PRO SOIL LCS
Sampler: N/A

Sample ID: FLPRO LCS/LCSD
Matrix: SO

Parameter	Result	Target	Percent Recovery	Units	Date of Analysis	Date of Extraction	Analyst
C8-C40	85.2	127	67%	mg/kg	2/21/2004	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	87.1	1.0X	%	FLPRO	2/21/2004	2/13/2004	SDB
Nonatriacontane	234	1.0X	%	FLPRO	2/21/2004	2/13/2004	SDB

Sample Number: PRO SOIL MB
Sampler: N/A

Sample ID: FLPRO Method Blank
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
C8-C40	0.2		1.0X	mg/L	FLPRO	2/21/2004	2/13/2004	SDB

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Date of Extraction	Analyst
OTP	81.8	1.0X	%	FLPRO	2/21/2004	2/13/2004	SDB
Nonatriacontane	239	1.0X	%	FLPRO	2/21/2004	2/13/2004	SDB

Water and Air Research
Batch Number: 20448
Received On: February 9, 2004

Project Manager: _____

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April 27th, 2004

Scott Burgard
Water and Air Research
6821 SW Archer Road
Gainesville, FL 32608

Dear Mr. Burgard,

Enclosed are the analytical results for the RTS water samples for volatile organics we received February 4th, 2004 (Login Batch Numbers: 20427).

All data were determined in accordance with published procedures (EPA-600/4-79-020, *Methods for Chemical Analysis of Water and Wastes*, Revised March 1983; and *EPA Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, SW_8420, December 1992, 3rd Edition incl. Updates I-III; and *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1992). Our laboratory is NELAP Certified (Florida Department of Health #E82001).

Unless otherwise noted in the report case narrative, all QC requirements, including holding times, were within method acceptance criteria.

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Tara Bardi
Project Manager

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Report of Analyses for Volatile Organics (PPB-00000779)

Project Name: RTS CAMUS 0204

Date Received: February 4th, 2004

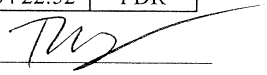
Sample Number: 251351
Date Sampled: 02/03/04 11:00
Sampler: CLIENT

Sample ID: EW-1
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
Acetone	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
toluene	1.9		1.0X	ug/L	8260	2/12/2004 22:52	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: 

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Sample Results (Sample# 251351 Sample I.D. EW-1) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
m & p-xylene	1.2		1.0X	ug/L	8260	2/12/2004 22:52	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 22:52	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	76.2	1.0X	%	8260	2/12/2004 22:52	FDR
toluene-d8	82.1	1.0X	%	8260	2/12/2004 22:52	FDR
4-bromofluorobenzene	87.8	1.0X	%	8260	2/12/2004 22:52	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

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Sample Number: 251352
Date Sampled: 02/03/04 14:00
Sampler: CLIENT

Sample ID: EW-2
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
Acetone	20.5		1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
2-butanone	3.1		1.0X	ug/L	8260	2/12/2004 23:32	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
toluene	1.0		1.0X	ug/L	8260	2/12/2004 23:32	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: TM

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Sample Results (Sample #251352 Sample I.D. EW-2) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
bromoform	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 23:32	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	80.1	1.0X	%	8260	2/12/2004 23:32	FDR
toluene-d8	83.1	1.0X	%	8260	2/12/2004 23:32	FDR
4-bromofluorobenzene	89.9	1.0X	%	8260	2/12/2004 23:32	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

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Sample Number: 251352
Date Sampled: 02/03/04 14:00
Sampler: CLIENT

Sample ID: 251352 MS/MSD
Date Received: 02/04/04 09:40
Matrix: WA

Parameter	Native	MS Found	MS Target	MS Percent Recovery	MSD Found	MSD Target	MSD Percent Recovery	RPD
1,1-dichloroethene	1.0 U	48.4	50.0	97%	51.9	50.0	104%	7.06%
benzene	1.0 U	47.0	50.0	94%	51.0	50.0	102%	8.25%
trichloroethene	1.0 U	45.3	50.0	91%	48.0	50.0	96%	5.94%
toluene	1.0	47.0	50.0	92%	50.9	50.0	100%	7.84%
chlorobenzene	1.0 U	51.4	50.0	103%	55.8	50.0	112%	8.06%

Surrogate Recoveries

Parameter	Result	Dilution	Units	Method	Date of Analysis	Analyst
dibromofluoromethane	79.2	1.0X	%	8260	2/14/2004 02:15	FDR
toluene-d8	83.3	1.0X	%	8260	2/14/2004 02:15	FDR
4-bromofluorobenzene	88.8	1.0X	%	8260	2/14/2004 02:15	FDR
dibromofluoromethane	79.1	1.0X	%	8260	2/14/2004 02:15	FDR
toluene-d8	82.9	1.0X	%	8260	2/14/2004 02:15	FDR
4-bromofluorobenzene	89.0	1.0X	%	8260	2/14/2004 02:15	FDR

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager:

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Sample Number: 251353
Date Sampled: 02/03/04 14:30
Sampler: CLIENT

Sample ID: EW-3
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
Acetone	4.2		1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
toluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR

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Sample Results (Sample#251353 Sample I.D. EW-3) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:11	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	80.8	1.0X	%	8260	2/13/2004 00:11	FDR
toluene-d8	82.7	1.0X	%	8260	2/13/2004 00:11	FDR
4-bromofluorobenzene	89.5	1.0X	%	8260	2/13/2004 00:11	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251354
Date Sampled: 02/03/04 15:15
Sampler: CLIENT

Sample ID: EW-4
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
Acetone	3.6		1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
4-methyl-2-pentanone	1.6		1.0X	ug/L	8260	2/13/2004 00:50	FDR
toluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR

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Sample Results (Sample #251354 Sample I.D. EW-4) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 00:50	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	78.0	1.0X	%	8260	2/13/2004 00:50	FDR
toluene-d8	86.1	1.0X	%	8260	2/13/2004 00:50	FDR
4-bromofluorobenzene	88.1	1.0X	%	8260	2/13/2004 00:50	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251355
Date Sampled: 02/03/04 16:30
Sampler: CLIENT

Sample ID: EW-5
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
Acetone	2.2		1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
toluene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR

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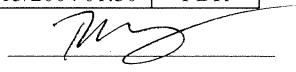
Project Manager: 

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Sample Results (Sample #251355 Sample I.D. EW-5) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 01:30	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	78.9	1.0X	%	8260	2/13/2004 01:30	FDR
toluene-d8	82.1	1.0X	%	8260	2/13/2004 01:30	FDR
4-bromofluorobenzene	88.7	1.0X	%	8260	2/13/2004 01:30	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 251356
Date Sampled: 02/03/04 16:00
Sampler: CLIENT

Sample ID: EW-6
Date Received: 02/04/04 09:40
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
Acetone	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
toluene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR

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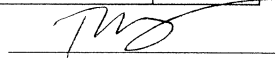
Project Manager: 

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Sample Results (Sample #251356 Sample EW-6) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/13/2004 02:09	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	80.3	1.0X	%	8260	2/13/2004 02:09	FDR
toluene-d8	83.2	1.0X	%	8260	2/13/2004 02:09	FDR
4-bromofluorobenzene	89.6	1.0X	%	8260	2/13/2004 02:09	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 8260 WATER MB
Sampler: N/A

Sample ID: 8260 Method Blank
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
Acetone	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
toluene	1.2		1.0X	ug/L	8260	2/12/2004 21:00	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR

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Sample Results (8260 Method Blank 1) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/12/2004 21:00	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	82.9	1.0X	%	8260	2/12/2004 21:00	FDR
toluene-d8	86.1	1.0X	%	8260	2/12/2004 21:00	FDR
4-bromofluorobenzene	90.0	1.0X	%	8260	2/12/2004 21:00	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

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Sample Number: 8260 WATER MB2
Sampler: N/A

Sample ID: 8260 Method Blank
Matrix: WA

Sample Results

Parameter	Result	Code	Dilution	Units	Method	Date of Analysis	Analyst
dichlorodifluoromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
chloromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
vinyl chloride	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
bromomethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
chloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
trichlorofluoromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
Acetone	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1-dichloroethene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
iodomethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1.2-trichloro-1,2,2-trifluoroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
methylene chloride	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
t-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
MTBE	5.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1-dichloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
vinyl acetate	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
2,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
2-butanone	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
c-1,2-dichloroethene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
bromochloromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
chloroform	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1,1-trichloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
carbon tetrachloride	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1-dichloropropene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
benzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2-dichloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
trichloroethene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2-dichloropropane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
dibromomethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
bromodichloromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
2-chloroethyl vinyl ether	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
c-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
4-methyl-2-pentanone	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
toluene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
t-1,3-dichloropropene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1,2-trichloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
tetrachloroethene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,3-dichloropropane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
2-hexanone	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
dibromochloromethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2-dibromoethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
chlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1,1,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
ethylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
m & p-xylene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
o-xylene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
styrene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
bromoform	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
bromobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,1,2,2-tetrachloroethane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: TMS

PPB ENVIRONMENTAL LABORATORIES, INC.
6821 SW Archer Road, Gainesville, FL 32608
Ph: (352) 377-2349 Fax: (352) 395-6639
E-mail: ppb@ppb-envlabs.com
NELAP Certified - FDH # E82001

Sample Results (Method Blank 2) cont.							
Parameter	**Result**	**Code**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
1,2,3-trichloropropane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
n-propylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
2-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
4-chlorotoluene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,3,5-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
tert-butylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2,4-trimethylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
sec-butylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,3-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,4-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2-dichlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
n-butylbenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2-dibromo-3-chloropropane	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2,4-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
hexachlorobutadiene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
naphthalene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR
1,2,3-trichlorobenzene	1.0	U	1.0X	ug/L	8260	2/14/2004 00:23	FDR

Surrogate Recoveries						
Parameter	**Result**	**Dilution**	**Units**	**Method**	**Date of Analysis**	**Analyst**
dibromofluoromethane	80.3	1.0X	%	8260	2/14/2004 00:23	FDR
toluene-d8	83.2	1.0X	%	8260	2/14/2004 00:23	FDR
4-bromofluorobenzene	90.6	1.0X	%	8260	2/14/2004 00:23	FDR

U = Analyte not detected and is below the indicated instrument reporting limit.

Water and Air Research
Batch Number: 20427
Received On: February 4, 2004

Project Manager: _____

ppb
ENVIRONMENTAL LABORATORIES, INC.
6821 SW Archer Road, Gainesville, FL 32608
(352) 377-2349 · FAX (352) 395-6639

CHAIN-OF-CUSTODY RECORD

LABTROL CLIENT No.	BATCH NO.	FOR LAB USE ONLY
21	10427	Subcontractor:
		Shipping Method:

CLIENT NAME: RTS

CLIENT PROJECT: RTS Campus Expansion

SAMPLERS: (Signature) Holly Nlw / Mandeep Gill

SITE NAME & ADDRESS: Gainesville, Florida

LAB REPORT GOES TO (Client contact person): Scott Burgard

PRESERVATION: H HCL; C Chilled; S Sulfuric; N Nitric; NF Nitric-Filtered

NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION / NUMBER	SAMPLE MATRIX	NUMBER OF CONTAINERS	IDENTIFY PARAMETERS DESIRED AND NO. OF CONTAINERS: EPA 8021 (H)	EPA 8100 (PAHs) (C)	FL PRO (TPH) (S)	Ar; Cd; Cr; Pb (Total) (N)	Ar; Cd; Cr; Pb (Diss.) (NF)	Lab I.D. Number
EW-1	2/03/04	1100		✓		GW	7	✓	✓	✓	✓	✓	251351
EW-2	↓	1400		↓		↓	9	↓	↓	↓	↓	↓	251352
EW-3		1430					9						251353
EW-4		1515					9						251354
EW-5		1630					9						251355
EW-6	↓	1600		↓		↓	9	↓	↓	↓	↓	↓	251356

	Date / Time		Date / Time
Precleaned Containers Relinquished by: (Signature)	2/2/04 1200	Received by: (Signature) Holly Nlw	2/2/04 1300
Relinquished by: (Signature) Holly Nlw 2/3/04	0930	Received by: (Signature)	020403 0940
Relinquished by: (Signature)		Received by: (Signature)	
Relinquished by: (Signature)		Received by: (Signature)	

Remarks and Observations

500mL N: 070103-2
250mL N: 051503-2LPN00812OC99
VOA: 041503-3
1L Amber: 040102-3LAG0330C99

pH of all NF fracs fixed at login.

Logged in for EPA 8260W PAH ~~8310~~ 8100 1600 2/4/04

Matrix Types S Soil or Sediment; WW Wastewater; T Animal Tissue; SW Surface Water; SL Sludge or Solid Waste; MW Marine Water; GW Ground Water; DW Drinking Water; P Plant Tissue; F Filter; A Air; Ot Other (See Remarks)

ppb
ENVIRONMENTAL LABORATORIES, INC.
6821 SW Archer Road, Gainesville, FL 32608
(352) 377-2349 · FAX (352) 395-6639

CHAIN-OF-CUSTODY RECORD

LABTROL CLIENT No.	BATCH NO.	FOR LAB USE ONLY
24	20448 / 20449	Subcontractor: ____ Shipping Method: ____

CLIENT NAME: RTS
CLIENT PROJECT: RTS Campus Expansion
SAMPLERS: (Signature) Holly Nelson / Mandy Stanley
SITE NAME & ADDRESS: Gainesville, FL
LAB REPORT GOES TO (Client contact person): Scott Burgard

PRESERVATION: CF Chilled-Filtered; SF Sulfuric-Filtered; NF Nitric-Filtered; C Chilled; S Sulfuric; N Nitric; B Basic/NaOH; Z Zinc; T Thiosulfate; H HCL; Ot Other (see Remarks)

NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION / NUMBER	SAMPLE MATRIX	NUMBER OF CONTAINERS	EPA 8100 (PAHs)	FL PRO	Ar, Cd, Cr, Pb	EPA 8021 (VOCs)	Lab I.D. Number
NER	2/09/04	1145	✓		Composite from 1 and 2	S	2	✓	✓	✓		251537
NPC		1215	✓		" " 3 and 4							251538
NPP		1520	✓		" 5, 6, and 7							251539
AWO		1600	✓		" 8, 9, and 10							251540
RS		1430	✓		" 14, 15, and 16							251541
NWR		1640	✓		" 11 and 12							251542
SWR		1650		✓	No Composite here							251543
NER		1145		✓	VOC Grabs		4				✓	251544
NPC		1215		✓								251545
NPP		1520		✓								251546
AWO		1600		✓								251547
RS		1430		✓								251548
NWR		1640		✓								251549
SWR	↓	1650		✓		↓	↓				↓	251550

	Date / Time		Date / Time
Precleaned Containers Relinquished by (Signature)	2/2/04 1300	Received by: (Signature) Holly Nelson	2/2/04 1400
Relinquished by: (Signature) Holly Nelson	2/9/04 1715	Received by: (Signature)	02/09/04 1715
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Date / Time

Remarks and Observations

VOAs: 040103-3
031502 3
802: 060102-3LFSC0830OC99
Logged in for PAH 8100
EPA 8260S

Matrix Types S Soil or Sediment; WW Wastewater; T Animal Tissue; SW Surface Water; SL Sludge or Solid Waste; MW Marine Water; GW Ground Water; DW Drinking Water; P Plant Tissue; F Filter; A Air; Ot Other (See Remarks)

PC&B Environmental Laboratories, Inc.

210 Park Road, Oviedo, Florida 32765
Phone: 407-359-7194 Fax: 407-359-7197

03-22-2004

Holly Nelson
Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

MAR 2 4 2004

Dear Holly Nelson:

Enclosed are the results of the analysis of your samples received 03/16/2004.

Our laboratory is NELAP certified by the Florida DOH (Lab #E83239) and operates under an NELAP approved Quality Assurance Plan. Unless otherwise noted, all results are reported as received. All data were determined in accordance with published procedures (EPA-600/4-79-020), Methods for Chemical Analysis of Water and Wastes, Revised March 1983, or later and/or Standard Methods for the examination of Water and Wastewater, 20th Edition 1999, or later and/or Test Methods for Evaluating Solid Waste (EPA-SW-846, Revised January 1995, or later), unless stated otherwise in our ComQapp under method modifications.

Test results meet all of the requirements of the NELAC Standards.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Nancy L. Moore
Technical Director

PC&B Environmental Laboratories, Inc.

210 Park Road, Oviedo, Florida 32765
Phone: 407-359-7194 Fax: 407-359-7197

Client : Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

Contact : Holly Nelson
Phone : (800) 242-4927

Laboratory Reference Number : 204030112

Project Name : RTS Campus Exp
Project Number :

Chain of Custody :

Laboratory ID	Matrix	Client ID	Status	Date/Time Sampled
204030112-1	Water	EW-7	RUN	03/15/2004 14:30

Number	Parameter	Description
1	EPA 8310	PAH's by HPLC
1	FL-PRO	Petroleum Hydrocarbons
1	EPA 8021by 8260	Volatile Organics

PC&B Environmental Laboratories, Inc.

210 Park Road
Oviedo, FL 32765-8801
407-359-7194 - (FAX) 407-359-7197

Case Narrative

Holly Nelson
Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

CASE NARRATIVE for Work Order: 204030112
Project Number:
Project Name: RTS Campus Exp

This Case Narrative is a summary of events and/or problems encountered with this Work Order.

For samples requesting EPA 601/602/8021 analysis, the GCMS method EPA 624/8260 was substituted in order to generate the highest quality data possible at no additional cost.
For EPA 8310 PAH analysis, hits below 5 ppb (water) cannot be confirmed.

Definition of Flags

A	=	Value reported is an average of 2 or more determinations
DL	=	No surrogate result due to dilution or matrix interference.
H	=	Value based on field kit determination, results may not be accurate
I	=	The reported value is between MDL and PQL
J	=	Estimated Value, value not accurate.
J1	=	Estimated value surrogate limits have been exceeded
J4	=	Estimated value matrix interference
K	=	Off scale low
L	=	Off-scale high. Actual value is greater than value given.
M	=	Presence of material is verified but not quantified. Should be lab PQL
N	=	Presumptive evidence of presence of material
Q	=	Sample analyzed beyond the accepted holding time.
T	=	Value less than the lab MDL
T2	=	Analysis from an unpreserved or improperly preserved sample
V	=	Analyte was both detected in the method blank and sample.
Y	=	Analysis from an unpreserved or improperly preserved sample

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
PHONE: 407-359-7194
FAX: 407-359-7197

Report of Analysis
Volatile Organics

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Exp
PROJECT NUMBER:
DATE RECEIVED: 03/16/2004
ANALYTICAL PROTOCOL: EPA 8021by 8260

Lab Reference Number	204030112-1
Client Sample ID	EW-7
Date/Time Sampled	03/15/2004 14:30
Date/Time Extracted	03/17/2004 00:00
Date/Time Analyzed	03/17/2004 18:27
Sample Matrix (as Received)	Water
Analysis Confirmed	GCMS
Dilution Factor	1
Result Units	ug/l
Benzene	1.0 U
Bromobenzene	1.0 U
Bromochloromethane	1.0 U
Bromodichloromethane	1.0 U
Bromoform	1.0 U
Bromomethane	1.0 U
n-Butylbenzene	1.0 U
sec-Butylbenzene	1.0 U
tert-Butylbenzene	1.0 U
Carbon tetrachloride	1.0 U
Chlorobenzene	1.0 U
Chloroethane	1.0 U
Chloroform	1.0 U
Chloromethane	1.0 U
2-Chlorotoluene	1.0 U
4-Chlorotoluene	1.0 U
Dibromochloromethane	1.0 U
Dibromomethane	1.0 U
1,2-Dichlorobenzene	1.0 U
1,3-Dichlorobenzene	1.0 U
1,4-Dichlorobenzene	1.0 U
Dichlorodifluoromethane	1.0 U
1,1-Dichloroethane	1.0 U
1,2-Dichloroethane	1.0 U
1,1-Dichloroethene	1.0 U
cis-1,2-Dichloroethene	1.0 U
trans-1,2-Dichloroethene	1.0 U
1,2-Dichloropropane	1.0 U
1,3-Dichloropropane	1.0 U
2,2-Dichloropropane	1.0 U
1,1-Dichloropropene	1.0 U
1,3-Dichloropropene (cis)	1.0 U
1,3-Dichloropropene (trans)	1.0 U
Ethylbenzene	1.0 U
Hexachlorobutadiene	1.0 U
Isopropylbenzene	1.0 U
p-Isopropyltoluene	1.0 U
Methylene chloride	1.0 U
Naphthalene	1.0 U
n-Propylbenzene	1.0 U
Styrene	1.0 U
1,1,1,2-Tetrachloroethane	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U
Tetrachloroethene	1.0 U
Toluene	1.0 U
1,2,3-Trichlorobenzene	1.0 U
1,2,4-Trichlorobenzene	1.0 U
1,1,1-Trichloroethane	1.0 U
1,1,2-Trichloroethane	1.0 U
Trichloroethene	1.0 U
Trichlorofluoromethane	1.0 U
1,2,3-Trichloropropane	1.0 U
1,2,4-Trimethylbenzene	1.0 U
1,3,5-Trimethylbenzene	1.0 U
Vinyl chloride	1.0 U

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
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Report of Analysis
Volatile Organics

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Exp
PROJECT NUMBER:
DATE RECEIVED: 03/16/2004
ANALYTICAL PROTOCOL: EPA 8021by 8260

Lab Reference Number	204030112-1	
Client Sample ID	EW-7	
Date/Time Sampled	03/15/2004 14:30	
Date/Time Extracted	03/17/2004 00:00	
Date/Time Analyzed	03/17/2004 18:27	
Sample Matrix (as Received)	Water	
Analysis Confirmed	GCMS	
Dilution Factor	1	
Result Units	ug/l	
MTBE	5.0	U
m & p-Xylene	1.0	U
1,2-Dibromoethane	1.0	U
o-Xylene	1.0	U
(Surr) 1,2-Dichloroethane-d4 (%)	110	
(Surr) Toluene-d8 (%)	82	
(Surr) 4-Bromofluorobenzene (%)	90	

U = Undetected. The value preceeding the 'U' is the RL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by : NLM

Quality Control Report for Spike/Spike Duplicate Analysis

Volatile Organics

Matrix: Water
Lab Sample ID: MW-MS
QC Batch ID: 200403MS1036
Spike Units: ug/l

Analysis Date: 03/17/2004
Preparation Date: 03/17/2004
Method: EPA 8260
Analyst: KN

Analyte	Spike Amount	Sample Result	Spike Result	Spike Percent Recovery	MSD Result	MSD Percent Recovery	RPD
Benzene	50.0	0.0	56.0	112	55.0	110	2
Carbon tetrachloride	50.0	0.0	55.0	110	56.0	112	2
Chlorobenzene	50.0	0.0	55.0	110	52.0	104	6
1,4-Dichlorobenzene	50.0	0.0	48.0	96	47.0	94	2
1,1-Dichloroethene	50.0	0.0	55.0	110	54.0	108	2
Ethylbenzene	50.0	0.0	51.0	102	48.0	96	6
Toluene	50.0	0.0	46.0	92	48.0	96	4
Trichloroethene	50.0	0.0	57.0	114	58.0	116	2
m & p-Xylene	100.0	0.0	103.0	103	99.0	99	4
o-Xylene	50.0	0.0	57.0	114	56.0	112	2

Quality Control Limits

Analyte	Lower Limit	Upper Limit	RPD
Benzene	63	141	14
Carbon tetrachloride	59	142	14
Chlorobenzene	66	136	13
1,4-Dichlorobenzene	66	137	18
1,1-Dichloroethene	51	142	15
Ethylbenzene	66	133	15
Toluene	64	137	16
Trichloroethene	61	143	17
m & p-Xylene	62	135	17
o-Xylene	56	139	15

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
PHONE: 407-359-7194
FAX: 407-359-7197

Report of Analysis
PAH's by HPLC

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Exp
PROJECT NUMBER:
DATE RECEIVED: 03/16/2004
ANALYTICAL PROTOCOL: EPA 8310

Lab Reference Number	204030112-1
Client Sample ID	EW-7
Date/Time Sampled	03/15/2004 14:30
Date/Time Extracted	03/16/2004
Date/Time Analyzed	03/17/2004 13:57
Sample Matrix (as Received)	Water
Analysis Confirmed	No
Dilution Factor	1
Result Units	ug/l
Acenaphthene	10 U
Acenaphthylene	10.0 U
Anthracene	10.00 U
Benzo(a)anthracene	0.20 U
Benzo(a)pyrene	0.20 U
Benzo(b)fluoranthene	0.20 U
Benzo(ghi)perylene	10.00 U
Benzo(k)fluoranthene	0.50 U
Chrysene	2.00 U
Dibenzo(ah)anthracene	0.20 U
Fluoranthene	10.00 U
Fluorene	10.0 U
Indeno(123cd)pyrene	0.20 U
Naphthalene	1.0 U
1-Methyl naphthalene	1.0 U
2-Methyl naphthalene	1.0 U
Phenanthrene	10.00 U
Pyrene	10.00 U
(Surr) Decafluorobiphenyl (%)	110

U = Undetected. The value preceeding the 'U' is the RL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by : lm

Quality Control Report for LCS Analysis

PAH's by HPLC

Matrix: Water
Lab Sample ID: LCS
QC Batch ID: 200403PAH055A
LCS Units: ug/l

Analysis Date: 03/17/2004
Preparation Date: 03/16/2004
Method: EPA 8310
Analyst: TT

Analyte	LCS Conc	LCS Result	Percent Recovery	Lower Control Limit	Upper Control Limit
Acenaphthene	50.0	47.0	94	21	130
Acenaphthylene	25.0	24.0	96	28	129
Anthracene	1.0	0.9	94	30	135
Benzo(a)anthracene	2.5	2.5	100	40	127
Benzo(a)pyrene	2.5	2.5	100	23	135
Benzo(b)fluoranthene	1.0	1.0	100	22	141
Benzo(ghi)perylene	4.0	4.0	100	25	135
Benzo(k)fluoranthene	1.0	1.0	96	27	136
Chrysene	2.5	2.6	104	29	131
Dibenzo(ah)anthracene	10.0	4.9	49	19	143
Fluoranthene	2.5	2.5	100	33	127
Fluorene	5.0	5.2	104	26	131
Indeno(123cd)pyrene	2.5	2.4	96	28	140
Naphthalene	25.0	25.0	100	18	137
Phenanthrene	2.5	2.4	96	24	134
Pyrene	5.0	5.0	100	24	138

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
PHONE: 407-359-7194
FAX: 407-359-7197

Report of Analysis
Petroleum Hydrocarbons

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Exp
PROJECT NUMBER:
DATE RECEIVED: 03/16/2004
ANALYTICAL PROTOCOL: FL-PRO

Lab Reference Number	204030112-1
Client Sample ID	EW-7
Date/Time Sampled	03/15/2004 14:30
Date/Time Extracted	03/16/2004 00:00
Date/Time Analyzed	03/17/2004 13:48
Sample Matrix (as Received)	Water
Analysis Confirmed	No
Dilution Factor	1
Result Units	mg/l
Total PHS	0.1 U
(Surr) C-39 (%)	128
(Surr) OTP (%)	103

U = Undetected. The value preceeding the 'U' is the RL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by : lum

Quality Control Report for Spike/Spike Duplicate Analysis

Petroleum Hydrocarbons

Matrix: Water
Lab Sample ID: MW
QC Batch ID: 200403FLRO056
Spike Units: mg/l

Analysis Date: 03/16/2004
Preparation Date: 03/16/2004
Method: FL-PRO
Analyst: CTH

Analyte	Spike Amount	Sample Result	Spike Result	Spike Percent Recovery	MSD Result	MSD Percent Recovery	RPD
(Surr) C-39	100.0	0.0	99.0	99	108.0	108	9
(Surr) OTP	50.0	0.0	70.0	140	63.0	126	11
Total PHS	50.0	0.0	33.0	66	34.0	68	3

Quality Control Limits

Analyte	Lower Limit	Upper Limit	RPD
SS_C-39	42	193	20
SS_OTP	82	142	20
Total PHS	41	101	20

204030112

Water and Air Research, Inc.
6821 S.W. Archer Road • (904) 372-1500
Gainesville, FL 32608

CHAIN- OF-CUSTODY RECORD

PROJ. NO. / NAME	SITE NAME & ADDRESS
RTS Campus Exp.	Gainesville, FL

SAMPLERS: *(Signature)* Holly Nelson

SAMPLE FIELD ID. NUMBER	DATE	TIME	COMP.	GRAB	STATION LOCATION / NUMBER	SAMPLE MATRIX	NUMBER OF CONTAINERS	IDENTITY PARAMETERS DESIRED AND NO. OF CONTAINERS: 8021 Long list	8310	FL PRO	H	C	H	Remarks or Observations
~~EW-7~~	~~3/12/04~~	~~1130~~		X	~~EW-7 : across from office~~	W	4	2	1	1				
EW-7	3/15/04	1430		X	EW-7 : across from office	W	4	2	1	1				

PRESERVATION

CF	Chilled-Filtered
SF	Sulfuric-Filtered
NF	Nitric-Filtered
C	Chilled
S	Sulfuric
N	Nitric
B	Basic/NaOH
Z	Zinc
T	Thiosulfate
H	HCL
Ot	Other (see Remarks)

Precleaned Containers Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)* Holly Nelson	Date / Time 3/15/04/1600	Received by: *(Signature)* 9:40 Lauthoang 3-16-04
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*

Matrix Types

S	Soil or Sediment	WW	Wastewater	T	Animal Tissue
SW	Surface Water	SL	Sludge or Solid Waste	MW	Marine Water
GW	Groundwater	DW	Drinking Water	P	Plant Tissue
Ot	Other (See Remarks)				

Distribution: Original Accompanies Shipment and is to be Returned to Project Manager; Yellow Copy to Field Team; Pink Copy to Lab; Gold Copy - Extra

PC&B Environmental Laboratories, Inc.

210 Park Road, Oviedo, Florida 32765
Phone: 407-359-7194 Fax: 407-359-7197

04-20-2004

Scott Burgard
Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

Dear Scott Burgard:

Enclosed are the results of the analysis of your samples received 04/16/2004.

Our laboratory is NELAP certified by the Florida DOH (Lab #E83239) and operates under an NELAP approved Quality Assurance Plan. Unless otherwise noted, all results are reported as received. All data were determined in accordance with published procedures (EPA-600/4-79-020), Methods for Chemical Analysis of Water and Wastes, Revised March 1983, or later and/or Standard Methods for the examination of Water and Wastewater, 20th Edition 1999, or later and/or Test Methods for Evaluating Solid Waste (EPA-SW-846, Revised January 1995, or later), unless stated otherwise in our ComQapp under method modifications.

Test results meet all of the requirements of the NELAC Standards.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Nancy L. Moore
Technical Director

PC&B Environmental Laboratories, Inc.

210 Park Road, Oviedo, Florida 32765
Phone: 407-359-7194 Fax: 407-359-7197

Client : Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

Contact : Scott Burgard
Phone : (800) 242-4927

Laboratory Reference Number : 204040128

Project Name : RTS Campus Expansion
Project Number : 03-5720-02

Chain of Custody :

Laboratory ID	Matrix	Client ID	Status	Date/Time Sampled
204040128-1	Water	EW-2	RUN	04/14/2004 15:58
204040128-2	Water	EW-5	RUN	04/14/2004 16:51

Number	Parameter	Description
2	EPA 8310	PAH's by HPLC
2	EPA 8021by 8260	Volatile Organics

PC&B Environmental Laboratories, Inc.

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Case Narrative

Scott Burgard
Water & Air Research, Inc.
6821 S. W. Archer Road
Gainesville, FL 32608-

CASE NARRATIVE for Work Order: 204040128
Project Number: 03-5720-02
Project Name: RTS Campus Expansion

This Case Narrative is a summary of events and/or problems encountered with this Work Order.

For samples requesting EPA 601/602/8021 analysis, the GCMS method EPA 624/8260 was substituted in order to generate the highest quality data possible at no additional cost.
For EPA 8310 PAH analysis, hits below 5 ppb (water) cannot be confirmed.

Definition of Flags

A	=	Value reported is an average of 2 or more determinations
DL	=	No surrogate result due to dilution or matrix interference.
H	=	Value based on field kit determination, results may not be accurate
I	=	The reported value is between MDL and PQL
J	=	Estimated Value, value not accurate.
J1	=	Estimated value surrogate limits have been exceeded
J4	=	Estimated value matrix interference
K	=	Off scale low
L	=	Off-scale high. Actual value is greater than value given.
M	=	Presence of material is verified but not quantified. Should be lab PQL
N	=	Presumptive evidence of presence of material
Q	=	Sample analyzed beyond the accepted holding time.
T	=	Value less than the lab MDL
T2	=	Analysis from an unpreserved or improperly preserved sample
V	=	Analyte was both detected in the method blank and sample.
Y	=	Analysis from an unpreserved or improperly preserved sample

PC&B Environmental Laboratories, Inc.
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Report of Analysis
Volatile Organics

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Expansion
PROJECT NUMBER: 03-5720-02
DATE RECEIVED: 04/16/2004
ANALYTICAL PROTOCOL: EPA 8021by 8260

Lab Reference Number	204040128-1	204040128-2
Client Sample ID	EW-2	EW-5
Date/Time Sampled	04/14/2004 15:58	04/14/2004 16:51
Date/Time Extracted	04/16/2004 00:00	04/16/2004 00:00
Date/Time Analyzed	04/16/2004 13:31	04/16/2004 14:12
Sample Matrix (as Received)	Water	Water
Analysis Confirmed	GCMS	GCMS
Dilution Factor	1	1
Result Units	ug/l	ug/l
Benzene	1.0 U	1.0 U
Bromobenzene	1.0 U	1.0 U
Bromochloromethane	1.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U
n-Butylbenzene	1.0 U	1.0 U
sec-Butylbenzene	1.0 U	1.0 U
tert-Butylbenzene	1.0 U	1.0 U
Carbon tetrachloride	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U
Chloroform	1.0 U	1.0 U
Chloromethane	1.0 U	1.0 U
2-Chlorotoluene	1.0 U	1.0 U
4-Chlorotoluene	1.0 U	1.0 U
Dibromochloromethane	1.0 U	1.0 U
Dibromomethane	1.0 U	1.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U
Dichlorodifluoromethane	1.0 U	1.0 U
1,1-Dichloroethane	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0 U
1,2-Dichloropropane	1.0 U	1.0 U
1,3-Dichloropropane	1.0 U	1.0 U
2,2-Dichloropropane	1.0 U	1.0 U
1,1-Dichloropropene	1.0 U	1.0 U
1,3-Dichloropropene (cis)	1.0 U	1.0 U
1,3-Dichloropropene (trans)	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U
Hexachlorobutadiene	1.0 U	1.0 U
Isopropylbenzene	1.0 U	1.0 U
p-Isopropyltoluene	1.0 U	1.0 U
Methylene chloride	1.0 U	1.0 U
Naphthalene	1.0 U	1.0 U
n-Propylbenzene	1.0 U	1.0 U
Styrene	1.0 U	1.0 U
1,1,1,2-Tetrachloroethane	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U
Toluene	1.0 U	1.0 U
1,2,3-Trichlorobenzene	1.0 U	1.0 U
1,2,4-Trichlorobenzene	1.0 U	1.0 U
1,1,1-Trichloroethane	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U
Trichlorofluoromethane	1.0 U	1.0 U
1,2,3-Trichloropropane	1.0 U	1.0 U
1,2,4-Trimethylbenzene	1.0 U	1.0 U
1,3,5-Trimethylbenzene	1.0 U	1.0 U
Vinyl chloride	1.0 U	1.0 U

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
PHONE: 407-359-7194
FAX: 407-359-7197

Report of Analysis
Volatile Organics

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Expansion
PROJECT NUMBER: 03-5720-02
DATE RECEIVED: 04/16/2004
ANALYTICAL PROTOCOL: EPA 8021by 8260

Lab Reference Number	204040128-1	204040128-2
Client Sample ID	EW-2	EW-5
Date/Time Sampled	04/14/2004 15:58	04/14/2004 16:51
Date/Time Extracted	04/16/2004 00:00	04/16/2004 00:00
Date/Time Analyzed	04/16/2004 13:31	04/16/2004 14:12
Sample Matrix (as Received)	Water	Water
Analysis Confirmed	GCMS	GCMS
Dilution Factor	1	1
Result Units	ug/l	ug/l
MTBE	5.0 U	5.0 U
m & p-Xylene	1.0 U	1.0 U
1,2-Dibromoethane	1.0 U	1.0 U
o-Xylene	1.0 U	1.0 U
(Surr) 1,2-Dichloroethane-d4 (%)	87	88
(Surr) Toluene-d8 (%)	100	99
(Surr) 4-Bromofluorobenzene (%)	92	96

U = Undetected. The value preceeding the 'U' is the RL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by : KLM

Report of Analysis

PC&B Environmental Laboratories, Inc.
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Oviedo, FL 32765-8801
PHONE: 407-359-7194

Misc. Analysis

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Expansion
PROJECT NUMBER: 03-5720-02
DATE RECEIVED: 04/16/2004

Lab Number	Client ID	Method	Parameter	Results	Flag	Units	Date Prep	Date Anal
204040128-1	EW-2	EPA 8260	2-Butanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-1	EW-2	EPA 8260	2-Hexanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-1	EW-2	EPA 8260	4-Methyl-2-pentanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-1	EW-2	EPA 8260	Acetone	10 U		ug/l	04/16/2004	04/16/2004
204040128-1	EW-2	EPA 8260	Acetone	10 U		ug/l	04/16/2004	04/16/2004
204040128-2	EW-5	EPA 8260	2-Butanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-2	EW-5	EPA 8260	2-Hexanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-2	EW-5	EPA 8260	4-Methyl-2-pentanone	10 U		ug/l	04/16/2004	04/16/2004
204040128-2	EW-5	EPA 8260	Acetone	10 U		ug/l	04/16/2004	04/16/2004

Quality Control Report for Spike/Spike Duplicate Analysis

Volatile Organics

Matrix: Water
Lab Sample ID: MW-MS
QC Batch ID: 200404MS2040
Spike Units: ug/l

Analysis Date: 04/16/2004
Preparation Date: 04/16/2004
Method: EPA 8260
Analyst: KN

Analyte	Spike Amount	Sample Result	Spike Result	Spike Percent Recovery	MSD Result	MSD Percent Recovery	RPD
Benzene	50.0	0.0	50.0	100	50.0	100	0
Carbon tetrachloride	50.0	0.0	46.0	92	44.0	88	4
Chlorobenzene	50.0	0.0	50.0	100	51.0	102	2
1,4-Dichlorobenzene	50.0	0.0	53.0	106	52.0	104	2
1,1-Dichloroethene	50.0	0.0	49.0	98	48.0	96	2
Ethylbenzene	50.0	0.0	49.0	98	48.0	96	2
Toluene	50.0	0.0	49.0	98	48.0	96	2
Trichloroethene	50.0	0.0	52.0	104	50.0	100	4
m & p-Xylene	100.0	0.0	98.0	98	98.0	98	0
o-Xylene	50.0	0.0	50.0	100	50.0	100	0

Quality Control Limits

Analyte	Lower Limit	Upper Limit	RPD
Benzene	63	141	14
Carbon tetrachloride	59	142	14
Chlorobenzene	66	136	13
1,4-Dichlorobenzene	66	137	18
1,1-Dichloroethene	51	142	15
Ethylbenzene	66	133	15
Toluene	64	137	16
Trichloroethene	61	143	17
m & p-Xylene	62	135	17
o-Xylene	56	139	15

PC&B Environmental Laboratories, Inc.
210 Park Road
Oviedo, FL 32765-8801
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Report of Analysis
PAH's by HPLC

CLIENT NAME: Water & Air Research, Inc.
PROJECT NAME: RTS Campus Expansion
PROJECT NUMBER: 03-5720-02
DATE RECEIVED: 04/16/2004
ANALYTICAL PROTOCOL: EPA 8310

Lab Reference Number	204040128-1	204040128-2
Client Sample ID	EW-2	EW-5
Date/Time Sampled	04/14/2004 15:58	04/14/2004 16:51
Date/Time Extracted	04/16/2004 00:00	04/16/2004 00:00
Date/Time Analyzed	04/19/2004 14:30	04/19/2004 15:12
Sample Matrix (as Received)	Water	Water
Analysis Confirmed	No	No
Dilution Factor	1	1
Result Units	ug/l	ug/l
Acenaphthene	10 U	10 U
Acenaphthylene	10.0 U	10.0 U
Anthracene	10.00 U	10.00 U
Benzo(a)anthracene	0.20 U	0.20 U
Benzo(a)pyrene	0.20 U	0.20 U
Benzo(b)fluoranthene	0.20 U	0.20 U
Benzo(ghi)perylene	10.00 U	10.00 U
Benzo(k)fluoranthene	0.50 U	0.50 U
Chrysene	2.00 U	2.00 U
Dibenzo(ah)anthracene	0.20 U	0.20 U
Fluoranthene	10.00 U	10.00 U
Fluorene	10.0 U	10.0 U
Indeno(123cd)pyrene	0.20 U	0.20 U
Naphthalene	1.0 U	1.0 U
1-Methyl naphthalene	1.0 U	1.0 U
2-Methyl naphthalene	1.0 U	1.0 U
Phenanthrene	10.00 U	10.00 U
Pyrene	10.00 U	10.00 U
(Surr) Decafluorobiphenyl (%)	94	62

U = Undetected. The value preceeding the 'U' is the RL for the analyte, based on dilution. Results reported on a Wet Weight basis.

NELAP- FDOH Certification # E83239

Reviewed by : _____

Quality Control Report for Spike/Spike Duplicate Analysis

PAH's by HPLC

Matrix: Water
Lab Sample ID: MW-MS
QC Batch ID: 200404PAH061
Spike Units: ug/l

Analysis Date: 04/19/2004
Preparation Date: 04/16/2004
Method: EPA 8310
Analyst: TT

Analyte	Spike Amount	Sample Result	Spike Result	Spike Percent Recovery	MSD Result	MSD Percent Recovery	RPD
Acenaphthene	50.0	0.0	42.0	84	42.0	84	0
Acenaphthylene	25.0	0.0	21.0	84	21.0	84	0
Anthracene	1.0	0.0	0.8	77	0.8	77	0
Benzo(a)anthracene	2.5	0.0	2.1	84	2.1	84	0
Benzo(a)pyrene	2.5	0.0	2.0	80	2.0	80	0
Benzo(b)fluoranthene	1.0	0.0	0.9	85	0.9	85	0
Benzo(ghi)perylene	4.0	0.0	3.4	85	3.4	85	0
Benzo(k)fluoranthene	1.0	0.0	0.8	82	0.8	82	0
Chrysene	2.5	0.0	2.2	88	2.2	88	0
Dibenzo(ah)anthracene	5.0	0.0	4.3	86	4.2	84	2
Fluoranthene	2.5	0.0	2.1	84	2.1	84	0
Fluorene	5.0	0.0	4.3	86	4.2	84	2
Indeno(123cd)pyrene	2.5	0.0	2.1	84	2.0	80	5
Naphthalene	25.0	0.0	21.0	84	21.0	84	0
Phenanthrene	2.5	0.0	2.0	80	2.0	80	0
Pyrene	5.0	0.0	4.2	84	4.1	82	2

Quality Control Limits

Analyte	Lower Limit	Upper Limit	RPD
Acenaphthene	32	125	20
Acenaphthylene	38	121	18
Anthracene	38	131	18
Benzo(a)anthracene	40	128	18
Benzo(a)pyrene	38	129	18
Benzo(b)fluoranthene	39	134	18
Benzo(ghi)perylene	32	133	20
Benzo(k)fluoranthene	40	131	18
Chrysene	43	129	17
Dibenzo(ah)anthracene	41	137	18
Fluoranthene	39	133	18
Fluorene	39	127	18
Indeno(123cd)pyrene	39	135	18
Naphthalene	31	125	20
Phenanthrene	32	129	20
Pyrene	37	133	19

33082

PC&B Environmental

210 Park Road, Oviedo, FL 32765
407-359-7194 (FAX) 407-359-7197

Chain of Custody

Work Order: 204040128

Date: 4/14/04 Page 1 of 1

COMPANY: Water & Air Research, Inc.
ADDRESS: 6821 SW Archer Rd.
Gainesville, FL 32608
SAMPLED BY: Jennifer Conklin SIGN: Jennifer Conklin
PHONE: (352) 372-1500 FAX: (352) 378-1500

#	SAMPLE ID	DATE/TIME	MATRIX: AIR	WATER	SLUDGE	SOIL/SOLID	ORG. LIQUID	ANALYSIS REQUESTED: 8021 Long List	8310-PAH	PRESERVATION: HCl	None	Number of Containers
1	EW-2	4/14/04 1558		✓				✓	✓			4
2	EW-5	4/14/04 1651		✓				✓	✓			4
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1: Jennifer Conklin	4/15 845	1: M. Hoang	1045 4/16/04
2:		2:	
3:		3:	

SPECIAL INSTRUCTIONS/COMMENTS:

QUOTE/CONTRACT #:

PROJECT INFORMATION

PROJECT NAME: RTS Campus Expansion
PROJECT #: 03-5720-02
SITE ADDRESS: Gainesville, FL
PROJECT MANAGER: Scott Burgard

SAMPLE RECEIPT

Total # of Containers	
Chain of Custody Seals	
Recv'd in Good Condition	
PO #:	

INVOICE TO:
(IF DIFFERENT FROM ABOVE)

WHITE: Project File YELLOW: Laboratory PINK: Sampler