205IHSSF3027

DocumentID	NONCD0002870
Site Name	RPM NISSAN
DocumentType	Site Assessment Rpt (SAR)
RptSegment	1
DocDate	11/1/2008
DocRcvd	12/23/2008
Box	SF3027
AccessLevel	Public
Division	Waste Management
Section	Superfund
Program	IHS (IHS)
DocCat	Facility

NONCD0002870

Bensinger & Garrison
ENVIRONMENTAL, INC.
Bluefield Engineering, P.C.

P.O. BOX 14609 • RTP, NC 27709
PHONE 919-484-8536
FAX 919-484-8540

Received 12-23-08

Phase I
Limited Site Assessment (LSA) Report

for

Oil/Water Separator Removal
Incident # 15932

RPM (Michael Jordan) Nissan

3930 Chapel Hill Boulevard
Durham, North Carolina 27707

November 2008

TABLE OF CONTENTS

BENSINGER & GARRISON CERTIFICATION
PROFESSIONAL ENGINEER CERTIFICATION

I. INTRODUCTION & GENERAL INFORMATION 1

II. SITE HISTORY 1

III. UST CLOSURE 2

IV. RISK CHARACTERIZATION 3

V. RECEPTOR INFORMATION 4

VI. SITE GEOLOGY & HYDROGEOLOGY 5

VII. MONITORING WELL INSTALLATION 5

VIII. CONCLUSIONS 6

IX. RECOMMENDATIONS 6

TABLES

Table 1: Site Information
Table 2: UST System History
Table 3: Summary of Receptor Water Supply Wells Within 500 Feet of the Former Oil/Water Separator
Table 4: Adjacent Properties and Properties Within the Zone of Contamination or Contaminant Migration
Table 5: Soil Sample Analytical Results
Table 6: Groundwater Sample Results

FIGURES

Figure 1: Site Location Map and Area Diagram
Figure 2: Property Detail Map & Monitoring Well Locations
Figure 3: Oil / Water Separator Location
Figure 4: Underground Utilities

TABLE OF CONTENTS (continued)

APPENDICES

Appendix 1: Limited Site Assessment Risk Classification & Land Use Form & Questionnaire
Appendix 2: Boring Logs
Appendix 3: Well Construction Records
Appendix 4: Field Sampling Data
Appendix 5: Laboratory Analytical Reports
Appendix 6: Standard Procedures
Appendix 7: Zoning Descriptions for Surrounding Properties
Appendix 8: Wellhead Protection Area Documentation

Phase I Limited Site Assessment (LSA) Report
For Oil/Water Separator Removal
Michael Jordan Nissan
3930 Chapel Hill Blvd.
Durham, North Carolina 27707
Incident # 15932

CERTIFICATION

Bensinger & Garrison Environmental, Inc. certifies that it has used standard and accepted practices in completion of this project. The undersigned (and their appointees) shall have no liability or obligation to any party other than Michael Jordan Nissan (and its successors or assigns) and the undersigned's (and their appointees') obligations are limited to fraudulent statements herein made or to negligence.

BENSINGER & GARRISON ENVIRONMENTAL, INC.

Ross E. Stitt — 11/3/08
Ross E. Stitt — Date
Environmental Scientist

Elizabeth J. Newland — 11/3/08
Elizabeth J. Newland — Date
Environmental Scientist

Jack H. Garrison Jr. — 11-3-08
Jack H. Garrison, Jr. — Date
Vice President / Senior Environmental Consultant

PROFESSIONAL ENGINEER'S CERTIFICATION

I, Tim Monroe, a Professional Engineer for Bluefield Engineering, P.C., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

Tim W. Monroe, P.E.
Senior Environmental Engineer

11/3/08
Date

NORTH CAROLINA PROFESSIONAL SEAL 028331 ENGINEER TIMOTHY W. MONROE

Seal No.: 028331
State: North Carolina

Bluefield Engineering, P.C. is licensed to practice engineering in North Carolina. The certification number of the corporation is C-1464.

Limited Site Assessment (LSA) Report
For Oil/Water Separator Removal
Michael Jordan Nissan
3930 Chapel Hill Boulevard
Durham, North Carolina 27707
Incident # 15932

I. INTRODUCTION & GENERAL INFORMATION

In April 1995, an oil/water separator was removed from the subsurface at Michael Jordan Nissan (formerly RPM Nissan) located at 3930 Chapel Hill Boulevard, Durham, NC 27707. Sitex Environmental, Inc. was contracted by Mr. Pat Pascarella of RPM Nissan to supervise the removal and to assess the condition of the soils located beneath the separator upon removal. The oil/water separator was completely removed on April 13, 1995 to make way for an addition to the supply room.

On April 21, 1995, one groundwater monitoring well (MW–1) was installed where the oil/water separator was previously located. The monitoring well was sampled and elevated volatile organic compound levels were found in four out of ten compounds detected. On May 15, 1995 three more groundwater monitoring wells (MW–2, 3, 4) were installed and concentrations above the North Carolina standard for chromium and lead were found in MW–2 while high concentrations of tetrachloroethene (PCE) were found in MW–4. A Notice of Regulatory Requirements (NORR) letter from the NC Department of Environment and Natural Resources (NCDENR) was sent to Mr. Pascarella on June 30, 2004. Mr. Wayne Randolph of the NCDENR Raleigh Regional Office contacted Mr. Ray Vrscak on September 16, 2008 about the NORR. This LSA Report was prepared by Bensinger & Garrison Environmental, Inc. (B&G) at Mr. Vrscak's request.

Site Information

Table 1 provides all relevant site information, including ownership of property and UST systems, responsible parties, and contact persons regarding the site and site investigations.

II. SITE HISTORY

Michael Jordan Nissan is located on 2.767 acres that is located on the north side of Chapel Hill Boulevard in Durham, North Carolina (Figure 1). The oil/water separator was formerly located on the site in what is now the new supply room area of the facility (Figures 2 & 3). A summary of the UST system history is included in Table 2.

III. UST CLOSURE

A. *Site Description*

The oil/water separator was located on the west side of the building adjacent to the garage door leading to the service bay. While in service, the oil/water separator pretreated flow from service bay drains and discharged to the City of Durham sanitary sewer system. This location is currently the new addition part of the building, constructed June 1995. The tank bottom was approximately seven feet below grade.

B. *UST Closure Activities*

On April 13, 1995, SITEX Environmental, Inc. supervised the removal of the remaining section of the oil/water separator system. Pea gravel was observed surrounding a short, vertical PVC riser pipe, previously attached to the top section of the separator, at the bottom of the pit. It was determined that the remaining section was located approximately 7 feet below grade and that it contained approximately 48 inches of liquid. Noble Oil Services, Inc. (Noble) of Sanford, NC was contracted by RPM Nissan to remove the liquid and the separator from the site. Upon inspection of the tank, it was determined that the separator contained an oily liquid and approximately 520 gallons of liquid were pumped out. The separator was removed in large pieces due to caving in of the excavation pit walls from the large volume of pea gravel and buried electrical conduit surrounding the excavation site.

Once the fiberglass and most of the gravel had been removed, the excavator bucket retrieved a soil sample from the underlying soils (Sample #1) from 14 feet below grade. Approximately one foot of water was observed in the bottom of the excavation, and was thought to have come from rainfall the day before.

C. *Over Excavation During UST Closure*

The soil and gravel removed from around the excavation was placed back in the pit after the soil samples were collected.

D. *Soil Sampling*

The tank bottom was approximately seven feet below grade. One UST confirmation soil sample (Sample #1) was taken at a depth of 14 feet below grade. A background sample BG–1 was taken at a depth of 8.5 feet in soil similar to Sample #1 at the excavation site for the new oil/water separator. Both samples were placed in laboratory provided glassware without headspace and immediately placed in ice. Both samples were transported under EPA chain–of–custody procedure to a North Carolina Drinking Water Certified Laboratory and were analyzed for oil and grease using EPA Method 9071. Sample #1 was also analyzed for volatile organic compounds (VOCs) using EPA Method 8021. Oil and Grease concentrations for both soil samples (BG–1: <62 mg/kg and Sample #1: <59 mg/kg) were below the NCDENR action limit of 250 mg/kg. Tetrachloroethene (PCE), however, was detected at 1.2 μg/kg in Sample #1.

On April 21, 1995, soil sample B1 was collected while groundwater monitoring well MW–1 was being installed at the former oil/water separator excavation site. Sample B1 was collected from auger cuttings brought to the surface from a depth of about 7 feet below grade. This sample was collected for laboratory analysis to determine the condition of the original fill material surrounding the oil/water separator system and subsequently used as backfill. Soil samples SP–1, SP–2, and SP–3 were collected using individual split–barrel samplers at depth intervals of 14 to 16 feet, 19 to 21 feet, and 24 to 26 feet, respectively. All soil samples were measured for VOC content using an Organic Volatile Analyzer (OVA) as well as being analyzed by an EPA Drinking Water Certified analytical laboratory for VOCs according to EPA Method 8021. No VOCs were detected in any of the samples at a concentration above the method practical quantitation limit of 0.5 µg/kg.

On May 15, 1995, Monitoring Wells 2, 3, and 4 were installed as shown in Figure 2. Soil samples (SS1 – SS9) were collected at five foot intervals and screened using an OVA. Each soil sample collected was submitted to an analytical laboratory for determination of VOC content using EPA Method 8021. No VOCs were detected in any of the samples at a concentration above the method practical quantitation limit of 0.5 µg/kg. Soil sampling locations, depths, and results are summarized in Table 5.

IV. RISK CHARACTERIZATION

The Limited Site Assessment Risk Classification & Land Use Form is enclosed in Appendix 1, and an explanation of the results of the risk survey is presented below.

A. *Groundwater/Surface Water/Vapor Impacts*

All occupied properties in the area (within 1500 feet) are supplied potable water by the City of Durham. Access to the City of Durham public water supply is available at all vacant properties within 1500 feet for future use. Maurice Smith of the City of Durham Engineering Department was contacted on October, 24, 2008 and verified that water is available to all addresses. The City of Durham has no plans to use groundwater for a public water supply. No evidence of water supply wells was observed for properties within 1500 feet.

There are no receiving streams or surface bodies of water within 1500 feet of the site.

Based on a NCDENR Public Water Supply Section website inquiry on October 23, 2008, there are no approved or proposed well head protection areas as defined in 42 USC 300h–7(e) in Durham County, North Carolina (Appendix 8).

The subject property is not located in the Coastal Plain physiographic region identified on the "Geology of North Carolina" map produced by the NC Division of Land Resources (1985).

B. *Land Use & Zoning Status – Subject Property*
The subject property is on 2.767 acres that is located on a heavily traveled highway (Chapel Hill Boulevard) within the Durham City Limits.

C. *Land Use & Zoning Status – Surrounding Property*
The zoning of the subject property is CN (Commercial Neighborhood) while the properties within 1500 feet of the source is a varied mix of residential, commercial and office and institutional zoning classifications. A map of the current zoning is presented in Appendix 7. The zoning status or use of the property and surrounding properties are not likely to change significantly.

The extended stay property located adjacent to the northwest as well as the apartment complex property located adjacent to the northeast are the two closest places that the public would assemble.

V. RECEPTOR INFORMATION

A. *Water Supply Wells*
Occupied properties in the area (within 1500 feet) are supplied potable water by the City of Durham. Water meters were located for occupied properties within 1500 feet of the source area.

Requests for water supply well information were not delivered to each property owner within 500 feet of the source area as potable wells are not allowed within the Durham city limits.

B. *Public Water Supplies*
The City of Durham provides drinking water to all properties within 1500 feet of the source area. Public water supply lines are located along the public roads within 1500 feet of the subject property. Residences and businesses need city water as part of the requirement for an occupancy permit. Maurice Smith of the City of Durham Public Works Engineering Department verified that all occupants within a radius of 1500 feet from the subject property have city water. The public water supply sources for the City of Durham are Lake Michie and Little River Lake located in Northern Durham County. There is also an emergency pump station on the Eno River. The City of Durham does not use, nor are there any plans to use, groundwater for a public water supply.

C. *Surface Water*
A dry weather ditch is adjacent to the northwest property line of the site and is within 1500 feet of the subject property.

D. *Wellhead Protection Areas*
Based on a NCDENR Public Water Supply Section website inquiry on October 23, 2008, there are no approved or proposed well head protection areas as defined in 42 USC 300h–7(e) in Durham County, North Carolina (Appendix 8). The subject property is not located within a wellhead protection area.

E. *Subsurface Structures*

The subject property contains typical subsurface utilities, including water, sewer, gas and electrical/communications lines (Figure 4).

F. *Property Owners and Occupants*

Properties which are within or adjacent to the area of contamination or areas where contamination may migrate are identified in Table 4. To date, the only known impact is to the subject property. There is a potential for impact to the neighboring properties to the north and west (projected downgradient properties).

G. *Land Use*

The site is currently occupied by Michael Jordan Nissan. The zoning at the site is CN (Commercial Neighborhood). There are five properties adjacent to the site, ranging from Commercial, Residential, Office & Institutional, and Mixed Use zoning qualifications.

VI. SITE GEOLOGY & HYDROGEOLOGY

The soil at the subject site is mapped as Urban Land in the USDA Soil Survey for Durham County, North Carolina, 1971. This Urban Land does not have any recognizable natural properties as they are too variable due to urban development.

VII. MONITORING WELL INSTALLATION

On April 21, 1995, SITEX Environmental, Inc. supervised the installation of one monitoring well (MW–1) in the source area where contamination is most likely to be found. The well was installed in the backfilled separator pit area. Upon reaching a depth of 25 feet, a well was constructed in the borehole as shown in the boring log, well schematic and well construction record included in Appendices 2 and 3. On April 24 and 25, SITEX Environmental Technician Ross Stitt measured the water level in the well to be 14.5 feet below the top of the casing, or 14.00 feet below grade. The well was developed by removing approximately 15 gallons (8 well volumes) of water from the well using a decontaminated stainless steel bailer to remove fines from the filter pack around the well screen and ensure that the well was hydraulically connected to the aquifer. A groundwater sample was then withdrawn from the well for laboratory analysis. Groundwater sample MW–1 was collected in laboratory provided, decontaminated glassware with preservative (hydrochloric acid), and transported on ice to the laboratory under EPA chain–of–custody procedures. The sample was analyzed by an EPA Drinking Water Certified laboratory for volatile organic compounds according to EPA Method 502.2 and was found to contain benzene, tetrachloroethene, 1,2,4–trimethylbenzene, and 1,3,5–trimethylbenzene.

On May 15, 1995, three additional groundwater monitoring wells (MW–2 through 4) were installed on site. Soil samples (SS1– SS9) were collected at five foot intervals and screened using an OVA. Each soil sample collected was also submitted to an analytical laboratory for determination of VOC content using EPA Method 8021. On June 18, 1995, groundwater samples were collected under chain–of–custody procedures and analyzed by an EPA Drinking Water Certified laboratory using EPA Methods 8021, 625, and 3030C. Concentrations above the North Carolina groundwater standard were found in monitoring well MW–2 for chromium and lead and monitoring well MW–4 for tetrachloroethene.

On October 2, 2008, B&G Environmental Scientists Ross Stitt and Elizabeth Newland collected groundwater samples from MW–1 and MW–4. Each well was purged of at least three well volumes and sampled using a clean, dedicated bailer. Samples were collected under chain–of–custody procedures and shipped on ice to a NC Drinking Water Certified laboratory for analysis by EPA Methods 3030C and 6010 for chromium and lead, MADEP EPH, MADEP VPH, Volatiles by Method 6210, and Semi–Volatiles by Method 625 including the highest ten TICs. MW–4 had levels exceeding the NC 2L Groundwater Standards for chromium, lead, as well as PCE. Groundwater sampling results are summarized in Table 6.

VIII. CONCLUSIONS

A. Groundwater sampling results from October 2008 indicate the concentrations of VOCs in MW–1 and MW–4 have decreased since the first sampling event in 1995. Chromium and lead levels have increased in MW–4.

B. None of the compounds identified in MW–1 and MW–4 are present above the GCLs. – they are above 2L stds

C. The site does not meet any of the criteria of either a High or Intermediate Risk site.

D. The site meets the criteria for classification as Commercial.

IX. RECOMMENDATIONS

A. The report should be submitted to the Raleigh Regional Office of the NCDENR.

B. The NCDENR should issue a No Further Action Required letter once the requirements of a Notice of Residual Petroleum for groundwater is completed.

TABLES

TABLE 1:
SITE INFORMATION

Site Name:	*Michael Jordan (RPM) Nissan*
Location:	*North Side of Chapel Hill Boulevard East of Tower Boulevard* *3930 Chapel Hill Blvd, Durham, NC 27707*
Groundwater Incident Number:	*15932*
Current Property Owner	*Capital City Development, Inc.*
UST Owner/Responsible Party	*Capital City Development, Inc.* *c/o Falk Associates Management* *5335 Wisconsin Ave NW #850* *Washington, DC 20015*
Property Occupant:	*Michael Jordan Nissan*
Consultant/Contractor:	*Mr. Jack H. Garrison, Jr.* *Bensinger & Garrison Environmental, Inc.* *1426 East NC Highway 54, Suite C* *Durham, North Carolina 27713* *Phone: (919) 484–8536 Fax: (919) 484–8540*
Date Of Discovery Of Release:	*April 13, 1995*
Estimated Quantity Of Release:	*Unknown*
Cause Of Release:	*Leaking Oil/Water Separator*
Source Of Release:	*Oil/Water Separator*
Size Of UST System:	*550 gallons*
Contents Of UST System:	*Water / Used Oil*
Latitude & Longitude Of Release Location:	*Latitude: N35.970448* *Longitude: W78.956318*

TABLE 2:
UST SYSTEM HISTORY

UST System Id No.	Oil / Water Separator
Product Stored	Water / Used Oil
Capacity	550 gallons
Date Installed	Unknown
Date Taken Out of Service	April 1995
Date Removed	April 13, 1995
Release Discovered?	Yes

TABLE 3:
SUMMARY OF RECEPTOR WATER SUPPLY WELLS WITHIN 500 FEET OF THE FORMER OIL / WATER SEPARATOR

Tax Map/Well I.D. No. (Map – Block – Lot)	Property Address	Property Owner and Address	Well Use	Well Depth (ft)	Distance from Source Area (ft)
NONE					

TABLE 4:
ADJACENT PROPERTIES & PROPERTIES WITHIN THE ZONE OF CONTAMINATION OR CONTAMINANT MIGRATION

Property	Owner / Occupant	Address	Location
Site	Capital City Development, Inc. / Michael Jordan Nissan	3930 Chapel Hill Boulevard	Site
Boulevard Investment Properties, LLC	Peak Fitness	3900 Chapel Hill Boulevard	Adjacent northeast of subject property
Harold G. Bagwell	Harold G. Bagwell	3950 Chapel Hill Boulevard	Adjacent west of subject property
BES University Tower Fund	The Parc at University Tower	20 Morcroft Lane	Adjacent northeast of subject property
Precision Tune Durham, LLC	Precision Tune Durham, LLC	3910 Durham Chapel Hill Boulevard	Adjacent southeast of subject property
BRE/ESA TX Properties, LP	Extended Stay America Efficiency Studio	3105 Tower Boulevard	Adjacent northwest of subject property

Table 5: Summary of Soil Sampling Results

Revision Date: _____ Incident Number and Name: 15932 – Michael Jordan (RPM) Nissan

Facility ID#: NA

Analytical Method (e.g., VOC by EPA 8260) →					8021										
Contaminant of Concern →					Tetrachloroethene										
Sample ID	Date Collected (mm/dd/yy)	Source Area (eg. Tank pit 1)	Sample Depth (ft BGS)	Incident Phase (Closure, 20 Day, LSA, etc.)											
#1	4/18/95	Pit	14.0		0.0012										
B1	4/21/95	Pit	7.0		<0.0005										
SP–1	4/21/95	Pit	14 – 16		<0.0005										
SP–2	4/21/95	Pit	19 – 21		<0.0005										
SP–3	4/21/95	Pit	24 – 26		<0.0005										
SS–1	5/15/95	MW–2	5 – 7		<0.0005										
SS–2	5/15/95	MW–2	10 – 12		<0.0005										
SS–3	5/15/95	MW–2	15 – 16		<0.0005										
SS–4	5/15/95	MW–3	5 – 7		<0.0005										
SS–5	5/15/95	MW–3	10 – 12		<0.0005										
SS–6	5/15/95	MW–3	15 – 17		<0.0005										
SS–7	5/15/95	MW–4	5 – 7		<0.0005										
SS–8	5/15/95	MW–4	10 – 12		<0.0005										
SS–9	5/15/95	MW–4	15 – 17		<0.0005										
Soil to groundwater MSCC (mg/kg)					0.0074										
Residential MSCC (mg/kg)					12										
Industrial/Commercial MSCC (mg/kg)					110										

Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)
List any contaminant detected above the method detection limit
MSCC = maximum soil contaminant concentration
ft BGS = feet below ground surface
Results reported in mg/kg
mg/kg = milligrams per kilogram

Table 6: Summary of Groundwater and Surface Water Sampling Results

Revision Date: _____ Incident Number and Name: 15932 – Michael Jordan (RPM) Nissan Facility ID#: NA

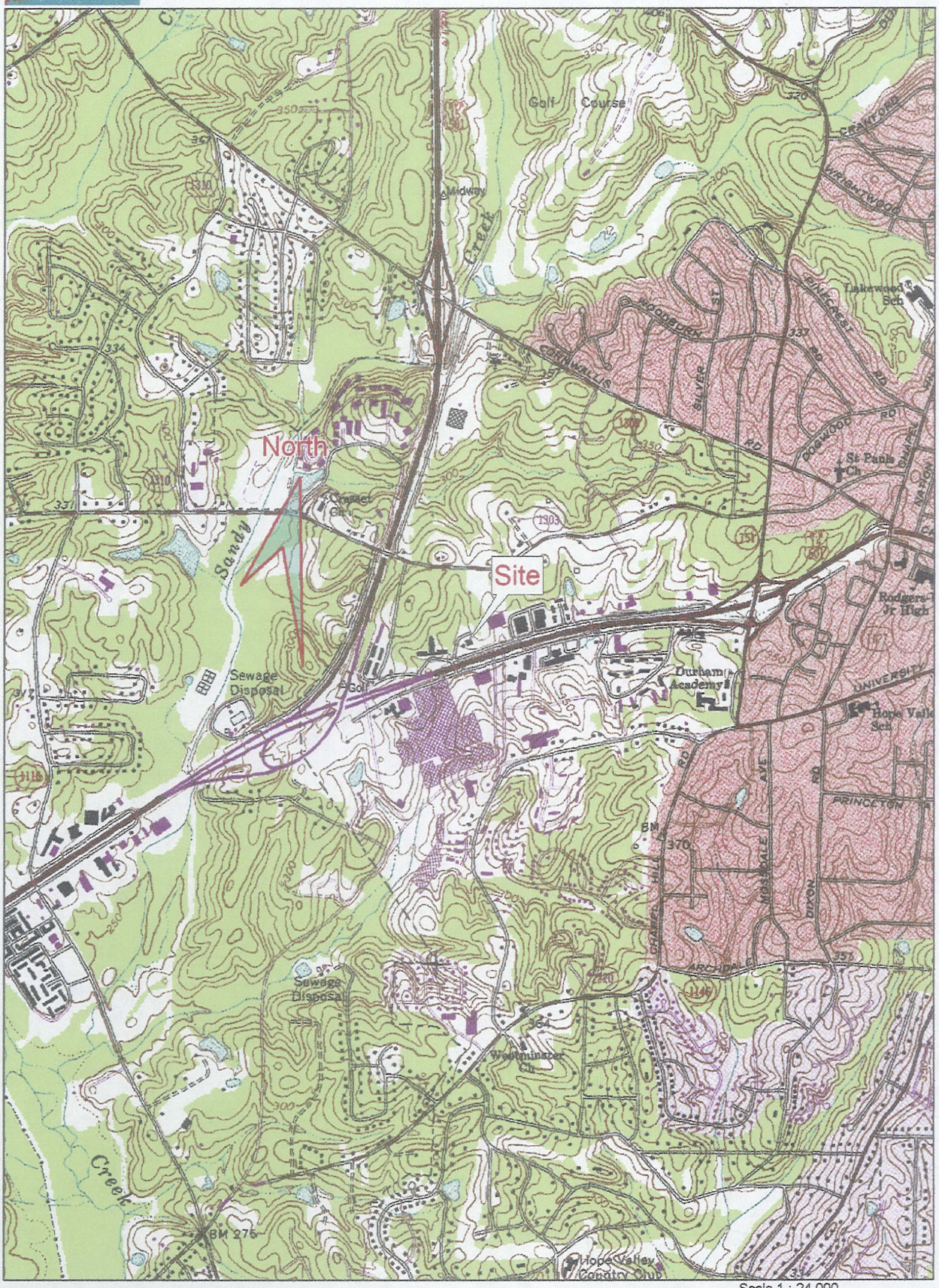
Analytical Method (e.g., VOC by EPA 601)				502.2 6210	502.2 6210	502.2 6210	502.2 6210	502.2 6210	502.2 6210	502.2 6210	502.2 6210	502.2 6210	3030C 6010	7421 3030C 6010	6210	3030C 6010
Contaminant of Concern				Benzene	1,1–Dichloroethane	Ethylbenzene	Styrene	Tetrachloro ethene	Toluene	1,1,1–Trichloro ethane	1,2,4–Trimethyl benzene	1,3,5–Trimethyl benzene	Total Xylenes	Chromium	Lead	MTBE	Barium
Well or SW ID	Date Collected (mm/dd/yy)	Sample ID	Incident Phase (Closure, 20 Day, LSA, etc.)													
MW–1	4/25/95	MW–1		4.6	85.9	27.8	11.3	545	33.8	172	31.6	7.4	174.2	NA	NA	NA	NA
MW–1	10/02/08	MW–1	LSA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	7.2	<5.0	1.4	NA
MW–2	5/18/95	MW–2		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	60	27	NA	600
MW–3	5/18/95	MW–3		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	30	11	NA	300
MW–4	5/18/95	MW–4		<0.5	0.4	<0.5	<0.5	4.0	<0.5	1.0	<0.5	<0.5	0.5	30	13	NA	310
MW–4	10/02/08	MW–4	LSA	<0.5	0.54	<0.5	<0.5	0.75	<0.5	<0.5	<0.5	<0.5	<1.0	67.5	17.0	6.9	NA
2L Standard (µg/l)				1	70	550	100	0.7	1000	200	350	350	530	50	15	200	2000
GCL (µg/l)				5000	70000	84500	100000	70	257500	200000	28500	25000	87500	50000	15000	200000	2000000
NC 2B Standard or EPA National Criteria (µg/l)				1.19	20	97		0.7	11	0.54	390	630	670	50	25	19	1.0

Indicate method detection limit for contaminants when analyzed, but not detected (e.g., <1, 10, 42)
List any contaminant detected above the method detection limit
Results reported in µg/l
µg/l = micrograms per liter
GCL = gross contamination level
Shaded results are above the 2L Standard
NA – not analyzed

FIGURES

DeLORME

XMap® 4.0



© 2003 DeLorme. XMap®.
www.delorme.com

TN
MN (9.4°W)

Scale 1 : 24,000
0 600 1200 1800 2400 3000 ft
0 200 400 600 800 1000 m
1" = 2,000.0 ft
Data Zoom 13-0

BENSINGER & GARRISON ENVIRONMENTAL, INC.
BLUEFIELD ENGINEERING, P.C.

PROJECT NO.: 186708

DATE: Oct 2008

DRAWN BY: RES

APPROVED BY: JHG

FILE: M J Nissan LSA

SCALE: 1:24,000

SOURCE: DeLorme 3D TopoQuads

USGS Topos: Durham, NC

NOTES:

FIGURE 1: SITE LOCATION MAP

Michael Jordan Nissan

3930 Chapel Hill Blvd.
Durham, Durham County, North Carolina

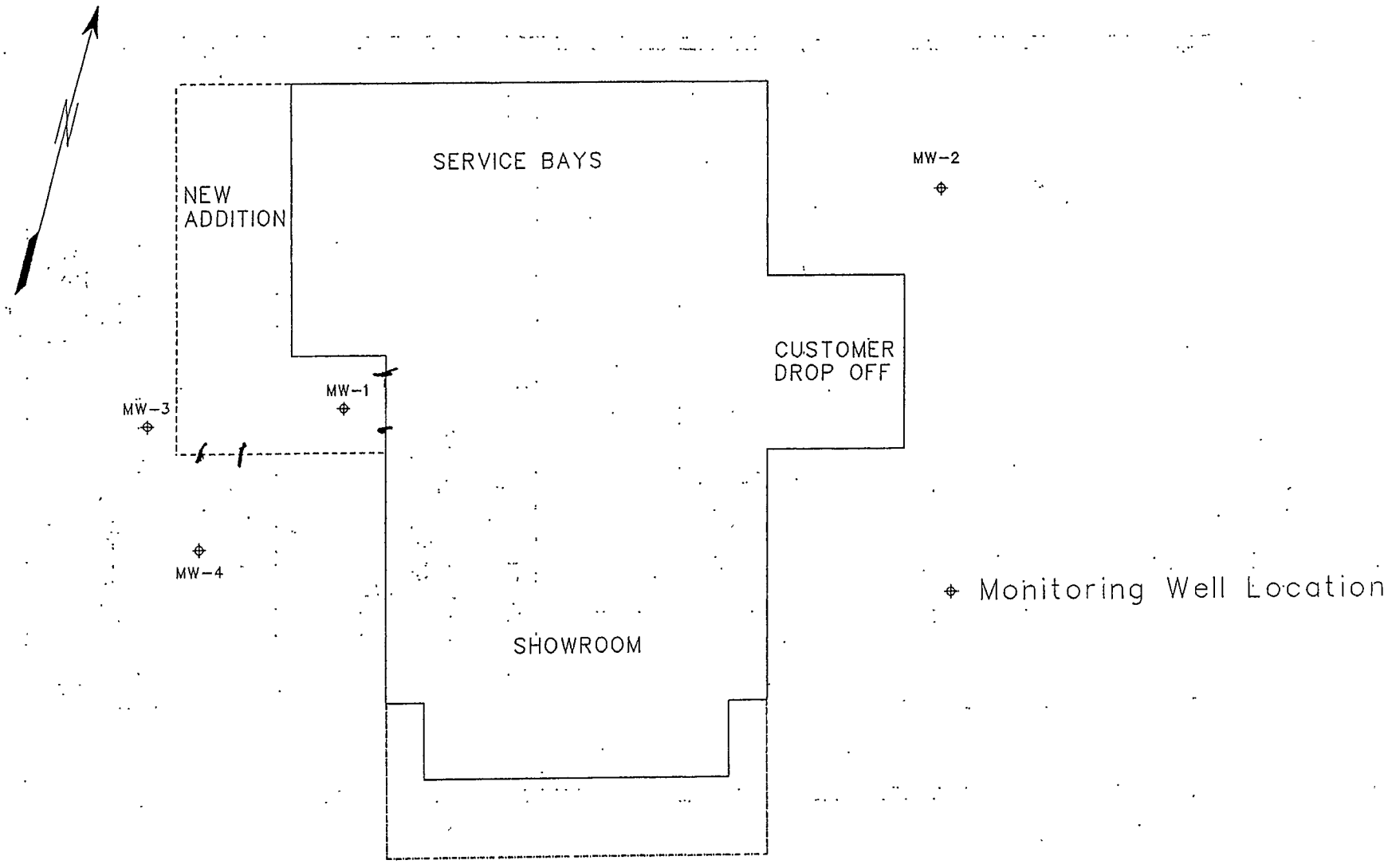


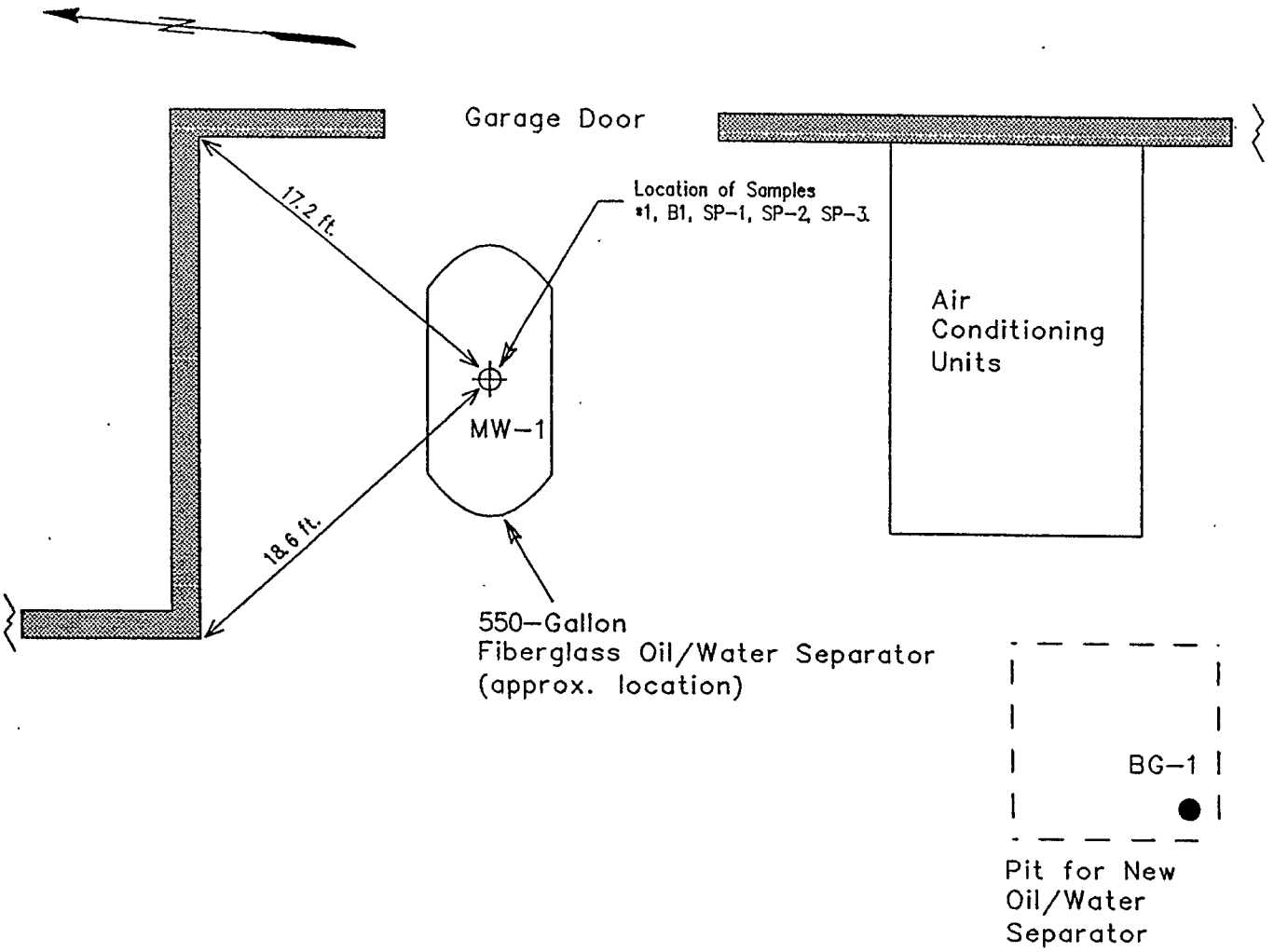
FIGURE 2: PROPERTY DETAIL MAP & MONITORING WELL LOCATIONS

Michael Jordan Nissan
3930 Chapel Hill Blvd.
Durham, Durham County, North Carolina

BENSINGER & GARRISON ENVIRONMENTAL, INC.
BLUEFIELD ENGINEERING, P.C.

PROJECT NO.: 186708
DATE: Oct., 2008
DRAWN BY: RES
APPROVED BY: JHG
FILE: M J Nissan LSA

APPROX. SCALE: 1 in.=40 ft.



		LABORATORY RESULTS	
SAMPLE	DEPTH (ft.)	Oil & Grease (mg/kg)	Volatiles (ug/kg)
BG-1	8.5	<62	Not Analyzed
#1	14.0	<59	1.2 (PERC)
B1	7.0	NA	Less than 0.5
SP-1	14 to 16	NA	Less than 0.5
SP-2	19 to 21	NA	Less than 0.5
SP-3	24 to 26	NA	Less than 0.5

PERC = Tetrachloroethene

FIGURE 3: OIL/WATER SEPARATOR LOCATION

Michael Jordan Nissan
3930 Chapel Hill Blvd.
Durham, Durham Co., North Carolina

PROJECT NO.: 186708
DATE: Oct., 2008
REVISION DATE: N/A
DRAWN BY: RES
APPROVED BY: JHG
FILE: M J Nissan LSA

SCALE: not to scale

BENSINGER & GARRISON ENVIRONMENTAL, INC.
BLUEFIELD ENGINEERING, P.C.

FIGURE 4: UTILITY LOCATIONS

Michael Jordan Nissan
3930 Chapel Hill Blvd.
Durham, Durham County, North Carolina

BENSINGER & GARRISON
ENVIRONMENTAL, INC.
BLUEFIELD ENGINEERING, P.C.

PROJECT NO.: 186708
DATE: Oct., 2008
DRAWN BY: RES
APPROVED BY: JHG
FILE: M J Nissan LSA

SCALE: No Scale

APPENDIX 1:

LIMITED SITE ASSESSMENT RISK CLASSIFICATION & LAND USE FORM & QUESTIONNAIRE

B. Site History and Characterization

Present information relevant to site history and characterization, updating information provided in the 20-Day Report, the Initial Abatement Action Report, and any FP Recovery Reports, using the following outline:

1. Provide UST owner and operator information
   - List the names, addresses, telephone numbers, and dates of ownership/operation of all previous UST owners and operators of the UST system(s). Present in table form (Use Reporting Table B-2, Site History, UST Owner/Operator and Other Responsible Party Information, from the *Guidelines*, Appendix B.).
2. Provide UST information (inclusive of all USTs, currently and historically in place at facility). For each UST, provide the following information in table form (Use Reporting Table B-1, Site History- UST/AST System and Other Release Information, from the *Guidelines*, Appendix B.):
   - Tank identification number (keyed to a map showing the locations of all UST systems);
   - Last contents of tank;
   - Previous contents of tank (if any);
   - Capacity of tank in gallons;
   - Construction (material and structure);
   - Tank dimensions;
   - Installation date;
   - Description of piping and pump(s) associated with each UST;
   - Status of UST (in use or not in use, closed in place, closed by removal; date of last use, date of closure); and
   - Indication that a release was or was not associated with the tank or associated piping or pump(s). Provide discussion to supplement Table B-1 and the UST location map in order to clarify the spatial and historical relationships among tanks and between tanks and piping and dispensers and a brief description of all historical compliance issues and releases (indicate incident number).
3. Provide non-UST information.
   - List, describe, and indicate location of ASTs and associated piping and pump(s) currently and historically in place at facility and describe historical releases (indicate incident number). For each AST, present the information in table form (Use Reporting Table B-1, Site History- UST/AST System and Other Release Information, from the *Guidelines*, Appendix B); and
   - List, describe, and indicate location and date of spills that have occurred at facility.
4. Provide a comprehensive description of the release, including date discovered, cause and source (including tank identification number and contents), and the relationship of historical UST releases, non-UST releases, and off-site releases (indicate incident number) to contamination from current release.
5. Provide a brief description of site characteristics (including status of facility (active or inactive), land use of site and surrounding area, water supply, topography, vegetation, surface water, wells, buildings, surface cover, soil type, depth to and nature of bedrock, depth to groundwater, direction of groundwater flow, etc.)
6. Summarize initial abatement actions, assessment activities, and corrective actions performed to date and list all reports previously submitted.

C. Risk Characterization

Submit the following questionnaire in its entirety. Answer all questions completely. Attach additional pages as needed to fully explain answers. Base answers/explanations on information obtained (or updated from preceding reports) during the current investigation. *Note: Source area means point of release from a UST system.*

Limited Site Assessment Risk Classification and Land Use Form

Part I – Groundwater/Surface Water/Vapor Impacts

High Risk

1. Has the release contaminated any water supply well including any well used for non-drinking purposes? YES/NO
2. Is a water supply well used for drinking water located within 1,000 feet of the source area of the release? YES/NO
3. Is a water supply well not used for drinking water (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release? YES/NO
4. Does groundwater within 500 feet of the source area of the release have the potential for future use (there is no other source of water supply other than the groundwater)? YES/NO
5. Do vapors from the release pose a threat of explosion because of accumulation of the vapors in a confined space or pose any other serious threat to public health, public safety or the environment? YES/NO

If yes, describe.

6. Are there any other factors that would cause the release to pose an imminent danger to public health, public safety, or the environment? YES/NO
If yes, describe.

Intermediate Risk

7. Is a surface water body located within 500 feet of the source area of the release? YES/NO
If **YES**, does the maximum groundwater contaminant concentration exceed the surface water quality standards and criteria found in 15A NCAC 2B .0200 by a factor of 10? YES/NO
8. Is the source area of the release located within a approved or planned wellhead protection area as defined in 42 USC 300h-7(e)? YES/NO
If yes, describe.

9. Is the release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985? YES/NO
If **YES**, is the source area of the release located in an area in which there is recharge to an unconfined or semi-confined deeper aquifer that is being used or may be used as a source of drinking water? YES/NO
If **YES**, describe.

10. Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels (see Table 9) established by the Department? YES/NO

Part II - Land Use

Property Containing Source Area of Release

The questions below pertain to the property containing the source area of the release.

1. Does the property contain one or more primary or secondary residences (permanent or temporary)? YES/NO
Describe.

2. Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly? YES/NO
Describe.

3. Does the property contain a commercial (e.g., retail, warehouse, office/business space, etc.) or industrial (e.g., manufacturing, utilities, industrial research and development, chemical/petroleum bulk storage, etc.) enterprise, an inactive commercial or industrial enterprise, or is the land undeveloped? YES/NO
Describe.
Commercial enterprise - Automobile Dealership
4. Do children visit the property? YES/NO
Explain.
Property is open to the public.
Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)? YES/NO
Explain.

There is a fence around the back half of the property.

5. Do pavement, buildings, or other structures cap the contaminated soil? YES NO
Describe.
N/A

If yes, what mechanisms are in place or can be put into place to ensure that the contaminated soil will remain capped in the foreseeable future?

6. What is the zoning status of the property?
Commercial General

7. Is the use of the property likely to change in the next 20 years? YES NO
Explain.
Will likely remain a dealership.

Property Surrounding Source Area of Release
The questions below pertain to the area within 1,500 feet of the source area of the release (excludes property containing source area of the release):

1. What is the distance from the source area of the release to the **nearest** primary or secondary residence (permanent or temporary)?
Adjoining property is a residential area.
2. What is the distance from the source area of the release to the **nearest** school, daycare center, hospital, playground, park, recreation area, church, nursing home or other place of public assembly?
Sandy Creek Park & Cornwallis Rd. Park are both less than 2500ft. from site.
3. What is the zoning status of properties in the surrounding area?
Commercial, Planned Development Residential, and Office & Institutional.
4. Briefly characterize the use and activities of the land in the surrounding area.
Commercial, Residential, and Office & Institutional.

D. Receptor Information

Determine and describe all potential receptors, including those in the categories listed below. Compile this information in a table entitled Public and Private Water Supply Well and Other Receptor Information (Complete Table B-5 from the *Guidelines*, Appendix B.) in which an identification code is assigned to each potential receptor. Indicate the locations of each potential receptor, using the identification code, on a potential receptor map. Use information from all available sources and from site investigations.

1. Water Supply Wells
Determine and describe the location, use, and ownership of public and private water supply wells in the area within 1,500 feet of the source of the release. Compile this information in Table B-5 and indicate the well locations on the potential receptor map. Note whether well users are also served by a municipal water supply. Refer to the instructions for a water supply well survey in Section 2.3 of the *Guidelines*.
2. Public Water Supplies
Determine the existence and availability of public water supplies within 1,500 feet of the source area of the release. Compile this information in Table B-5 and indicate the locations of the nearest public water lines and the source(s) of the public water supply on the potential receptor map.
3. Surface Water
Identify all surface water bodies (e.g., ditch, pond, stream, lake, river) located within 1,500 feet of the source area of the release and indicate distance from source of release in Table B-5 and indicate locations on the potential receptor map.

APPENDIX 2:

BORING LOGS

SITEX ENVIRONMENTAL INC.
LOG OF TEST BORING

BORING NO: MW-1 **DATE:** 4/21/95 **SURFACE ELEVATION:** _____ **PROJECT #** 206435
PROJECT: RPM Nissan Site Assessment - Soil Sampling and Monitoring Well Installation

Depth in Feet	Soil Description	Sample # & Type	Sample Depth (ft)	OVA Reading (ppm) init/15 min	Comments
	Backfill: "pea" gravel				
5					
		B1	7	1.2/2.0	auger cuttings
10					
	* Orangish-brown and tan, slightly clayey SILT				
15	*	SP-1	14-16	0.6/1.2	
	Greenish-gray and purplish-brown, slightly micaceous SILTSTONE (weathered)				
20		SP-2	19-21		
	Variegated, slightly silty, micaceous, fine SANDSTONE (weathered)				
25		SP-3	24-26		

Type of Sample
SS - Split Spoon
SL - Split Spoon w/Liner
ST - Shelby Tube

Drillers: Parratt-Wolff, Inc.
Drilling Method: Hollow-stem auger
Drilling Foreman: David Stratton
Backfill Material: Well installed

Groundwater
Encountered At: Ft
After Completion: Ft
After 96 **Hrs:** 14.0 Ft

Standard Penetration Test - Driving 2" OD Sampler 18" w/140# Hammer Falling 30"
- Count made at 6" intervals

SITEX ENVIRONMENTAL INC.
LOG OF TEST BORING

BORING NO: MW-2 **DATE:** 5/15/95 **SURFACE ELEVATION:** _____ **PROJECT #** 206435
PROJECT: RPM Nissan Site Assessment - Soil Sampling and Monitoring Well Installation

Depth	Soil Description	Sample # & Type	Blow count for 6"	OVA Reading (ppm) init/15 min	Comments
	Purplish-brown weathered SILTSTONE slightly moist				
5		SS-1	2-14-16-14	BDL/BDL	5-7' 100% rec.
	Tan-orange weathered SANDSTONE moist				very stiff
10		SS-2	20-44-48-35	BDL/0.4	10.55-10.75' water
	Gray, red-brown, slightly weathered SILTSTONE. dry				10-12' 100% rec. very dense
	▼	SS-3	22-50/4	0.6/BDL	15-16' 50% rec.
					Hard cuttings moist @17
20					
25	Boring terminated at 25 feet				

Type of Sample
SS - Split Spoon
SL - Split Spoon w/Liner
ST - Shelby Tube

Drillers: Parratt-Wolff, Inc.
Drilling Method: hollow-stem auger
Drilling Foreman: Chip LeFever
Backfill Material: well installed

Groundwater ▼
Encountered At: Ft
After Completion: Ft
After 168 **Hrs:** 15.2 Ft

tandard Penetration Test - Driving 2" OD Sampler 18" w/140# Hammer Falling 30"
- Count made at 6" intervals

SITEX ENVIRONMENTAL INC.
LOG OF TEST BORING

BORING NO: MW-3 **DATE:** 5/15/95 **SURFACE ELEVATION:** _____ **PROJECT #** 206435
PROJECT: RPM Nissan Site Assessment - Soil Sampling and Monitoring Well Installation

Depth	Soil Description	Sample # & Type	Blow count for 6"	OVA Reading (ppm) init/15 min	Comments
	Tan and gray, slightly clayey, fine sandy SILT (ML). moist				
5		SS-4	3-6-6-8	56/120	5-7' 100% rec.
					stiff
	Tan and gray, silty fine SAND (SM)				
10		SS-5	44-50/4	10/15	10-12' 100% rec.
					very dense
	Light tan, slightly micaceous, slightly silty fine SANDSTONE (highly weathered)				
		SS-6	50/4-50/5	BDL/BDL	15-17' 100% rec.
	▼				very dense, very moist
20					
25	Boring terminated at 25 feet.				

Type of Sample
SS - Split Spoon
SL - Split Spoon w/Liner
ST - Shelby Tube

Drillers: Parratt-Wolff, Inc.
Drilling Method: hollow-stem augers
Drilling Foreman: Chip LeFever
Backfill Material: well installed

Groundwater ▼ Encountered At: Ft
After Completion: Ft
After 168 **Hrs:** 16.6 Ft

Standard Penetration Test - Driving 2" OD Sampler 18" w/140# Hammer Falling 30" - Count made at 6" intervals

SITEX ENVIRONMENTAL INC.
LOG OF TEST BORING

BORING NO: MW-4 **DATE:** 5/15/95 **SURFACE ELEVATION:** _____ **PROJECT #** 206435
PROJECT: RPM Nissan Site Assessment - Soil Sampling and Monitoring Well Installation

Depth	Soil Description	Sample # & Type	Blow count for 6"	OVA Reading (ppm) init/15 min	Comments
	Tan and gray, slightly clayey SILT (ML) slightly moist				
5		SS-7	2-4-6-9	BDL/1.4	5-7' 100% rec.
					stiff
10		SS-8	10-25-39-50	BDL/BDL	10-12' 100% rec.
					hard
		SS-9	15-37-50	BDL/0.3	15-17 100% rec.
					Hard/very dense
	▼Light gray, silty fine SANDSTONE (slightly weathered) slightly moist				
					Very slow drilling
20					
25	Boring terminated at 25 feet.				

Type of Sample
SS - Split Spoon
SL - Split Spoon w/Liner
ST - Shelby Tube

Drillers: Parratt-Wolff, Inc.
Drilling Method: hollow-stem auger
Drilling Foreman: Chip LeFever
Backfill Material: well installation

Groundwater ▼
Encountered At: Ft
After Completion: Ft
After 168 **Hrs:** 17.1 Ft

Standard Penetration Test - Driving 2" OD Sampler 18" w/140# Hammer Falling 30" - Count made at 6" intervals

APPENDIX 3:

WELL CONSTRUCTION RECORDS

North Carolina Department of Environmental, Health & Natural Resources
Division of Environmental Management- Groundwater Section
P.O. Box 27687-Raleigh, N.C. 27611-7587

For Office Use Only
Quad. No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

MW-1

Drilling Contractor: Parratt-Wolff, Inc.
Driller Registration Number: 1446
State Well Construction Permit Number: NA, on-site well

1. Well Location: (Show sketch of the location below)
Nearest Town: Durham
County: Durham
3930 Chapel Hill Boulevard
(Road, Community, or Subdivision and Lot No.)

2. Owner: RPM Nissan
Address: 3930 Chapel Hill Boulevard
(Street or Route No.)
Durham (City) NC (State) 27707 (Zip Code)

3. Date Drilled: 4/21/95
Use of Well: Monitoring
4. Total Depth: 25'
Cuttings Collected: Yes / No
5. Does Well Replace Existing Well
6. Static Water Level: _____ Below Top Of Casing
Top of Casing: 0.48 Feet Above Land Surface
7. Yield (gpm): NA
Test Method
8. Water Zones: NA
(depth)
9. Chlorination: NA
Amount

Depth From	Depth To	Drill Log Formation Description
0.0	14.6	Backfill ("pea" gravel and silt)
14.6	15.2	Orangish-brown and tan, slightly clayey SILT (ML).
15.2	20.5	Greenish-gray and purplish-brown slightly micaceous SILTSTONE (weathered)
20.5	25.0	Variegated, slightly silty, micaceou fine SANDSTONE (weathered).

If additional space is needed, use back of form.

10. Casing:

Depth (ft.) From	To	Diameter	Wall Thickness	Material
-0.48	10.1	2"	0.154"	PVC

11. Grout:

Depth (ft.) From	To	Material	Method
0.5	6.0	Portland	Poured
6.0	8.0	Bentonite	Pellets

12. Screen:

Depth (ft.) From	To	Diameter	Slot Size	Material
10.1	25.0	2"	0.010"	PVC

13. Gravel Pack:

Depth (ft.) From	To	Size	Material
8.0	25.0	Fine	Sand

14. Remarks:

Location Sketch
(Show direction and distance from at least two State Roads, or other map reference points.)

I do hereby certify that this well was constructed in accordance with 15 NCAC 2C, well construction standards, and that a copy of this record has been provided to the well owner.

Mark E. Hosler
Signature of Contractor or Agent

4/21/95
Date

GW-1 Revised 2/90

Submit original to Division of Environmental Management & copy to well owner.

North Carolina Department of Environmental, Health & Natural Resources
Division of Environmental Management- Groundwater Section
P.O. Box 27687-Raleigh, N.C. 27611-7587

For Office Use Only	
Quad. No.	Serial No.
Lat.	Long. Pc
Minor Basin	
Basin Code	
Header Ent.	GW-1 Ent.

WELL CONSTRUCTION RECORD

MW-2

Drilling Contractor: Parratt-Wolff, Inc.
Driller Registration Number: 1446

State Well Construction Permit Number: NA, on-site well

1. Well Location: (Show sketch of the location below)
Nearest Town: Durham
County: Durham
3930 Chapel Hill Boulevard
(Road, Community, or Subdivision and Lot No.)

Owner: RPM Nissan
Address: 3930 Chapel Hill Boulevard
(Street or Route No.)
Durham NC 27707
City State Zip Code

3. Date Drilled: 5/15/95 Use of Well: Monitoring
Total Depth: 24.7 Cuttings Collected: Yes
Does Well Replace Existing Well: No
6. Static Water Level: 15.03 Below Top Of Casing
Top of Casing: -0.20 Feet Above Land Surface
7. Yield (gpm): NA Test Method
8. Water Zones: NA
(Depth)
Chlorination: NA Amount

Depth From	Depth To	Drill Log Formation Description
0.0-	5.5'	Purplish-brown weathered SILTSTONE
5.5-	10.5'	Tan-orange weathered SANDSTONE
10.5-	25.0'	Gray, red-brown, slightly weathered SILTSTONE

If additional space is needed, use back of form.

10. Casing:

Depth (ft.) From	To	Diameter	Wall Thickness	Material
0.2-	15.2	2"	0.154"	PVC

11. Grout:

Depth (ft.) From	To	Material	Method
0.5-	12.0	#1 Portland	Poured
12.0-	13.0	Bentonite	Chips

12. Screen:

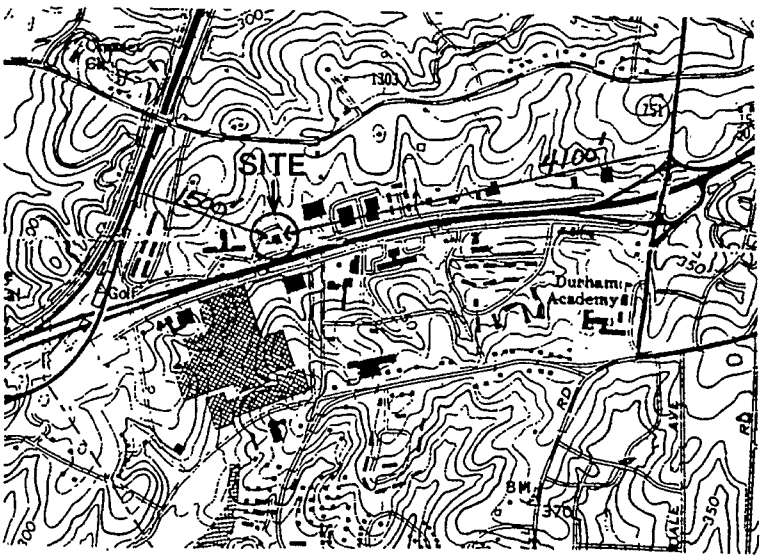
Depth (ft.) From	To	Diameter	Slot Size	Material
15.2-	24.2	2"	0.010"	PVC

13. Gravel Pack:

Depth (ft.) From	To	Size	Material
13.0-	24.7	Fine	Sand

14. Remarks:

Location Sketch
(Show direction and distance from at least two State Roads, or other map reference points.)



I do hereby certify that this well was constructed in accordance with 15 NCAC 2C, well construction standards, and that a copy of this record has been provided to the well owner.

Mark E. Hoolen 5/15/95
Signature of Contractor or Agent SITEX Date

GW-1 Revised 2/90

Submit original to Division of Environmental Management & copy to well owner.

North Carolina Department of Environmental, Health & Natural Resources
Division of Environmental Management- Groundwater Section
P.O. Box 27687-Raleigh, N.C. 27611-7587

For Office Use Only
Quad. No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

MW-3

Drilling Contractor: Parratt-Wolff, Inc
Driller Registration Number: 1446
State Well Construction Permit Number: NA, on-site well

1. Well Location: (Show sketch of the location below)
Nearest Town: Durham
County: Durham
3930 Chapel Hill Boulevard
(Road, Community, or Subdivision and Lot No.)

Owner: RPM Nissan
Address: 3930 Chapel Hill Boulevard
(Street or Route No.)
Durham (City) NC (State) 27707 (Zip Code)

3. Date Drilled: 5/15/95
Use of Well: Monitoring
4. Total Depth: 25.0
Cuttings Collected: Yes
5. Does Well Replace Existing Well: No
6. Static Water Level: 16.35 Below Top Of Casing
Top of Casing: -0.55 Feet Above Land Surface
7. Yield (gpm): NA Test Method
8. Water Zones: NA
(Depth)
Chlorination: NA Amount

Depth From	Depth To	Drill Log Formation Description
0.0	6.0'	Tan and gray, slightly clayey, fine sandy SILT (ML).
6.0	11.0'	Tan and gray, silty fine SAND (SM).
11.0	25.0'	Light tan, slightly micaceous, slightly silty fine SANDSTONE (highly weathered).

If additional space is needed, use back of form.

10. Casing:

Depth (ft.) From	To	Diameter	Wall Thickness	Material
0.55	14.7	2"	0.154"	PVC

11. Grout:

Depth (ft.) From	To	Material	Method
0.7	11.0	#1 Portland	Poured
11.0	12.5	Bentonite	Chips

12. Screen:

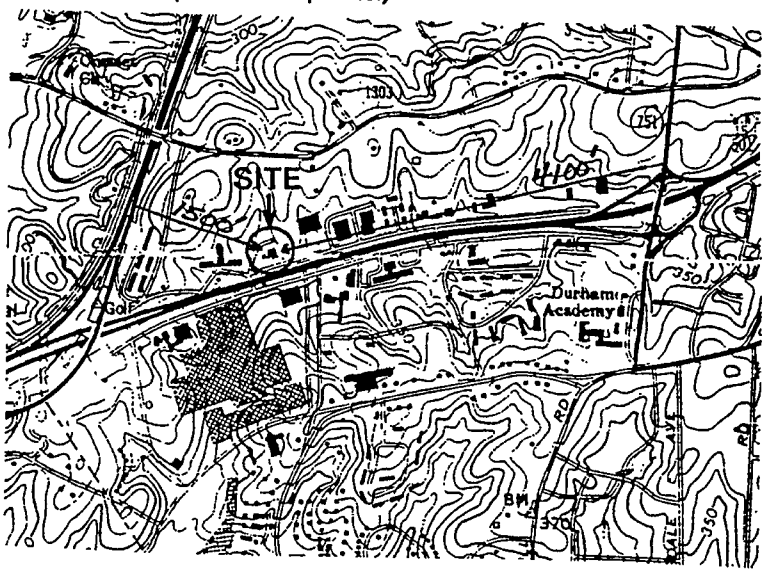
Depth (ft.) From	To	Diameter	Slot Size	Material
14.7	24.2	2"	0.010"	PVC

13. Gravel Pack:

Depth (ft.) From	To	Size	Material
12.5	25.0	Fine	Sand

14. Remarks:

Location Sketch
(Show direction and distance from at least two State Roads, or other map reference points.)



I do hereby certify that this well was constructed in accordance with 15 NCAC 2C, well construction standards, and that a copy of this record has been provided to the well owner.

Mark E. Hook
Signature of Contractor or Agent SITEX
5/15/95
Date

GW-1 Revised 2/90

Submit original to Division of Environmental Management & copy to well owner.

North Carolina Department of Environmental, Health & Natural Resources
Division of Environmental Management- Groundwater Section
P.O. Box 27687-Raleigh, N.C. 27611-7587

For Office Use Only
Quad. No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

MW-4

Drilling Contractor: Parratt-Wolff, Inc
Driller Registration Number: 1446

State Well Construction Permit Number: NA, on-site well

1. Well Location: (Show sketch of the location below)
Nearest Town: Durham
County: Durham
3930 Chapel Hill Boulevard
(Road, Community, or Subdivision and Lot No.)

2. Owner: RPM Nissan
Address: 3930 Chapel Hill Boulevard
(Street or Route No.)
Durham (City) NC (State) 27707 (Zip Code)

3. Date Drilled: 5/15/95
Use of Well: Monitoring
4. Total Depth: 25.0
Cuttings Collected: Yes
5. Does Well Replace Existing Well: No
6. Static Water Level: 16.47 Below Top Of Casing
Top of Casing: -0.65 Feet Above Land Surface
7. Yield (gpm): NA
Test Method:
8. Water Zones: NA
(Depth)
9. Chlorination: NA
Amount:

Depth From	Depth To	Drill Log Formation Description
0.0	16.0	Tan and gray, slightly clayey SILT(M
16.0	25.0	Light gray, silty fine SANDSTONE (slightly weathered)

If additional space is needed, use back of form.

10. Casing:

Depth (ft.) From	To	Diameter	Wall Thickness	Material
0.65	14.7	2"	0.154"	PVC

11. Grout:

Depth (ft.) From	To	Material	Method
0.8	11.0	#1 Portland	Poured
11.0	13.0	Bentonite	Chips

12. Screen:

Depth (ft.) From	To	Diameter	Slot Size	Material
14.7	24.2	2"	0.010"	PVC

13. Gravel Pack:

Depth (ft.) From	To	Size	Material
13.0	25.0	Fine	Sand

14. Remarks:

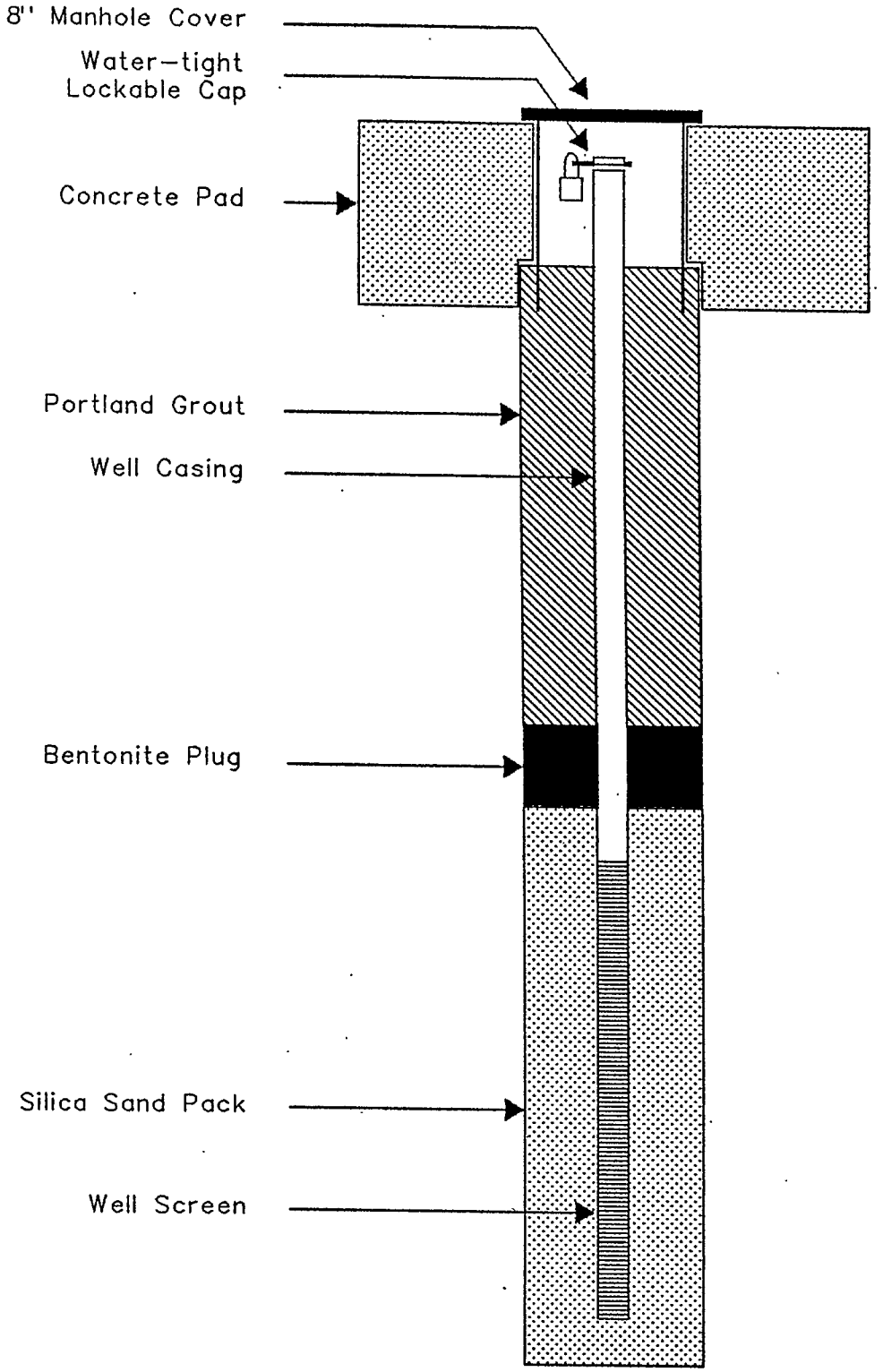
Location Sketch
(Show direction and distance from at least two State Roads, or other map reference points.)

I do hereby certify that this well was constructed in accordance with 15 NCAC 2C, well construction standards, and that a copy of this record has been provided to the well owner.

Signature of Contractor or Agent: Mark E. [illegible] SITEX
Date: 5/15/95

GW-1 Revised 2/90

Submit original to Division of Environmental Management & copy to well owner.



SITEX
Environmental, Inc.
SITEX Engineers Southeast, P.C.

STANDARD MONITORING WELL SCHEMATIC

SITEX CAD File : WELLSCHM

APPENDIX 4:

FIELD SAMPLING DATA

Project Title: MJ Nissan

Project Number: 186708

Date: 10/2/08

Samplers: EJn & RES

MONITORING WELL SAMPLING DATA

Well No.	MW1	MW4				
Total Well Depth (ft.)	25 ~~15.99~~	25				
Water Depth: Marker Reading (ft.)	15.99	15.12				
Tape Reading (+ or -)						
Water Depth (marker + tape)						
Water Column (total depth - water depth)	9.01	9.88				
Well Volume (see note)	1.44	1.58				
Volume to Purge (3 to 5 well volumes)	4.3/7.2	4.7/7.9				
Bailer ID Number	~~pump~~ ~~drop~~	drop				
Volume Purged (note if well bailed dry)	5/no	5/no				
Sample No.	mw1	mw4				
Date Collected	10/2/08	10/2/08				
Time Collected	mw1 11:00 AM	11:15am				
pH	6.57	5.57				
Temperature (°C)	22.1	22.8				
Conductivity (units = µS)	805	352				

Note: Volumes per foot of water column; 2" well = 0.16 gal/ft.
4" well = 0.65 gal/ft, 6' well = 1.5 gal/ft.

mw4

Bensinger & Garrison Environmental, Inc.

Bluefield Engineering, P. C.

GROUNDWATER MONITORING DATA FORM

GROUNDWATER ELEVATION MONITORING FORM

Site Name: MJ Nissan **Date:** 11-2-08

Project Number: 186708 **Sampler Name:** EJN + RES

WELL ID NO.	*DEPTH TO GROUNDWATER (DTGW)									
	READING #1		READING #2		READING #3		READING #4		READING #5	
	Time	DTGW	Time	DTGW	Time	DTGW	Time	DTGW	Time	DTGW
MW 1	9:27 am	15.6	9:50 am	16.0	10:07	15.99	✓			
MW 4	9:56 Am	15.46	10:15 Am	15.21	10:28 Am	15.12	✓			

*Continue recording depth to groundwater until level has equilibrated ($\pm$ 1%)

NOTES/COMMENTS:

BENSINGER & GARRISON ENVIRONMENTAL, INC.
Field pH and Conductivity Form

Site(s) ID: ~~186708~~ MJ Nissan

Client Project No.: 186708

Signature: Eliza M Time: 10/2/08 Date: 9:30am

pH Calibration Data		
Buffers Used	Result	Acceptable Y/N
4.00	3.99	Y
7.00	7.04	Y
10.00	10.11	N

On-Site Buffer Check

Buffer Used	Result	Signature (sign below)	Time (below)
4.00	3.99	Eliza M	9:45am
7.00	7.01	Eliza M	9:47am
10.00	10.02	Eliza M	9:49am

Conductivity Standard 1413 µS		
Calibration Solution	Result	Acceptable Y/N
84	84.3	Y
1413	1411	Y
12880	12850	Y

On-Site Check

Calibration Solution	Result	Signature (sign below)	Time (below)
84	84.5	Eliza M	9:55am
1413	1416	Eliza M	9:56am
12880	12860	Eliza M	9:58am

pH Buffer 4.00 Lot Number: 8AB212 2/2010
pH Buffer 7.00 Lot Number: 7AE113 5/2009
pH Buffer 10.00 Lot Number: 7AE609 3/2009

Conductivity Calibration Solution Lot #: 84 µS G1503 9/09
1413 µS 8AB212 2/10
12880 µS 7AH090 8/09

Forms/pH and Conductivity.form

APPENDIX 5:

LABORATORY ANALYTICAL REPORTS

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/19/95

206435 4/13/95 SAMPLING

SAMPLE NUMBER- 99654 SAMPLE ID- BG-1 SAMPLE MATRIX- SO
DATE SAMPLED- 04/13/95 TIME SAMPLED- 0930
DATE RECEIVED- 04/13/95 SAMPLER- MARK E. HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1720 DELIVERED BY- KATHI KOROBKO

Page 1 of 1 PROJECT NAME : 206435

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G			04/18/95	DLD	80.5	NA	
OIL AND GREASE IN SOLIDS	9071	04/18/95	MMP	04/18/95	PLH	<62	mg/kg	62

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Irene Litzberger

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/19/95

206435 4/13/95 SAMPLING

SAMPLE NUMBER- 99655 SAMPLE ID- #1
DATE SAMPLED- 04/13/95
DATE RECEIVED- 04/13/95 SAMPLER- MARK E. HOSLER
TIME RECEIVED- 1720 DELIVERED BY- KATHI KOROBKO

SAMPLE MATRIX- SO
TIME SAMPLED- 1345
RECEIVED BY- DLD

 PROJECT NAME : 206435

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G			04/18/95	DLD	85.1	NA	
OIL AND GREASE IN SOLIDS	9071	04/18/95	MMP	04/18/95	PLH	<59	mg/kg	59
VOLATILE ORGANIC CMPNDS - SOIL	8021			04/18/95	ALT			
BENZENE	8021					< 0.5	ug/kg	0.5
BROMOBENZENE	8021					< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021					< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021					< 0.5	ug/kg	0.5
BROMOFORM	8021					< 0.5	ug/kg	0.5
BROMOMETHANE	8021					< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021					< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021					< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021					< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021					< 0.5	ug/kg	0.5
CHLOROBENZENE	8021					< 0.5	ug/kg	0.5
CHLOROETHANE	8021					< 0.5	ug/kg	0.5
CHLOROFORM	8021					< 0.5	ug/kg	0.5
CHLOROMETHANE	8021					< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021					< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021					< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021					< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99655

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMO-3-CHLOROPROPANE	8021					< 0.5	ug/kg	0.5
1,2-DIBROMOETHANE	8021					< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021					< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021					< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021					< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021					< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021					< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021					< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021					< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021					< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021					< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021					< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021					< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021					< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021					< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021					< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021					< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021					< 0.5	ug/kg	0.5
ETHYLBENZENE	8021					< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021					< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021					< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021					< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021					< 0.5	ug/kg	0.5
NAPHTHALENE	8021					< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021					< 0.5	ug/kg	0.5
STYRENE	8021					< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021					< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021					< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021					1.2	ug/kg	0.5
TOLUENE	8021					< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021					< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99655

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2,4-TRICHLOROBENZENE	8021					< 0.5	ug/kg	0.5
1,1,1-TRICHLOROETHANE	8021					< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021					< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021					< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021					< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021					< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021					< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021					< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021					< 0.5	ug/kg	0.5
o-XYLENE	8021					< 0.5	ug/kg	0.5
m,p-XYLENES	8021					< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Janie Litzky

Chemical & Environmental Technology, Inc.

102-A Woodwinds Industrial Ct. Cary, NC 27511
(919) 467-3090 FAX: (919) 467-3515

CHAIN OF CUSTODY

Page ____ of ____

CLIENT NAME: SITEX Environmental, Inc.
ADDRESS: PO Box 13108
RTP, NC 27709
ATTENTION: Mark Hosler
PHONE: 544-4587
FAX: 544-0233
PROJECT NO: 206435
PROJECT NAME:
COLLECTED BY: (Signature) Mark E Hosler
PRINTED NAME: Mark E. Hosler

Turnaround Time:
- ☐ Normal (2 weeks)
- ☐ Rush (1 week)*
- ☒ Rush (48 hours)*
- ☐ Rush (24 hours)*

BILL TO:
ADDRESS:
PURCHASE ORDER NO:

PRESERVED IN FIELD ☑
PRESERVED IN LAB ☐
RECEIVED ON ICE ☑

ANALYSES REQUIRED: Oil & Grease* (9071); Volatiles (8021)*

CET SAMPLE #	DATE	TIME	SAMPLE TYPE COM	SAMPLE TYPE GRAB	SAMPLE I.D.	SAMPLE MATRIX	# OF CONTAINERS	Oil & Grease* (9071)	Volatiles (8021)*					REMARKS	NONE	ASCORBIC	NaS_2O_3	NaOH	H_2SO_4	HNO_3	HCl
~~99597~~ DD	4-13-95	0930		X	BG-1 # 996054	S	1	X						48-hr TA					X		
~~99598~~ DD	4-13-95	1345		X	#1 # 996055	S	2	X	X					48-hr TA					X		X

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
Mark E Hosler	4-13-95	1530	Kathi Korobko				

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
Kathi Korobko	4/13/95	5:20	Debra Davis	4/13/95	5:20

ADDITIONAL INSTRUCTIONS: Need verbal results Wed. (4-19-95).

REPORT COPY

*Rush work requires laboratory approval prior to sample submission. Additional charges may apply.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

METHOD REFERENCES

Federal Register, Vol. 59, 40 CFR Part 136.3, January 31, 1994

--Metals, Inorganics, and Organics for groundwater and wastewater

Federal Register, Vol. 56, 40 CFR Parts 141-143, January 30, 1991

--Metals, Inorganics, and Organics for drinking water

"Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater", NCDEHNR, DEM, March 1993.

--High Fraction Hydrocarbon and Low Fraction Hydrocarbon for groundwater and soil

SW-846, Third Edition, Revision I, July 1992

--Inorganics and Organics in soil or sludges. Metals in soil, sludge, or groundwater. (Metals in groundwater are digested by **Method 3030C, Standard Methods, 18th Edition)**

40 CFR Part 261, Appendix II and III

--Toxic Characteristic Leaching Procedure

Standard Methods, 18th Edition, 1992

--Total and Fecal Coliform in wastewater, streams, and lakes

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/25/95

206435

SAMPLE NUMBER- 99847 SAMPLE ID- B1
DATE SAMPLED- 04/21/95
DATE RECEIVED- 04/21/95 SAMPLER- MARK E. HOSLER
TIME RECEIVED- 1657 DELIVERED BY- JACK GARRISON

SAMPLE MATRIX- SO
TIME SAMPLED- 1215
RECEIVED BY- DLD

PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	04/24/95	DLD	94.3	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	04/25/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99847

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99847

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/25/95

206435

SAMPLE NUMBER- 99848 SAMPLE ID- SP-1
DATE SAMPLED- 04/21/95
DATE RECEIVED- 04/21/95 SAMPLER- MARK E. HOSLER
TIME RECEIVED- 1657 DELIVERED BY- JACK GARRISON

SAMPLE MATRIX- SO
TIME SAMPLED- 1230
RECEIVED BY- DLD

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	04/24/95	DLD	89.6	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	04/25/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99848

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99848

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Eric Fitzgerald

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/25/95

206435

SAMPLE NUMBER- 99849 SAMPLE ID- SP-2
DATE SAMPLED- 04/21/95
DATE RECEIVED- 04/21/95 SAMPLER- MARK E. HOSLER
TIME RECEIVED- 1657 DELIVERED BY- JACK GARRISON

SAMPLE MATRIX- SO
TIME SAMPLED- 1255
RECEIVED BY- DLD

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	04/24/95	DLD	85.4	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	04/25/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99849

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99849

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Terrie Litzenberger

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 04/25/95

206435

SAMPLE NUMBER- 99850 SAMPLE ID- SP-3
DATE SAMPLED- 04/21/95
DATE RECEIVED- 04/21/95 SAMPLER- MARK E. HOSLER
TIME RECEIVED- 1657 DELIVERED BY- JACK GARRISON

SAMPLE MATRIX- SO
TIME SAMPLED- 1305
RECEIVED BY- DLD

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	04/24/95	DLD	84.4	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	04/25/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99850

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99850

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Susie Stigler

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

102-A Woodwinds Industrial Ct. Cary, NC 27511
(919) 467-3090 FAX: (919) 467-3515

CHAIN OF CUSTODY

CLIENT NAME: SITEX Environmental
ADDRESS: PO Box 13108
RTP, NC 27709
ATTENTION: Mark Hosler
PHONE: 544-4587
FAX: 544-0233
PROJECT NO: 206435
PROJECT NAME:
COLLECTED BY: (Signature) Mark E Hosler
PRINTED NAME Mark E Hosler

Turnaround Time:
- [ ] Normal (2 weeks)
- [ ] Rush (1 week)*
- [x] Rush (48 hours)*
- [ ] Rush (24 hours)*

BILL TO:
ADDRESS:
PURCHASE ORDER NO:

PRESERVED IN FIELD ☐
PRESERVED IN LAB ☐
RECEIVED ON ICE ☑

ANALYSES REQUIRED: VOCs (8021)

CET SAMPLE #	DATE	TIME	SAMPLE COM	TYPE GRAB	SAMPLE I.D.	SAMPLE MATRIX	# OF CONTAINERS	VOCs (8021)					REMARKS	NONE	ASCORBIC	NaS_2O_3	NaOH	H_2SO_4	HNO_3	HCl
99847	4-21-95	1245		X	B1	S	1	X					Rush 48-hrs	X						
99848	4-21-95	1230		X	SP-1	S	1	X												
99849	4-21-95	1255		X	SP-2	S	1	X												
99850	4-21-95	1305		X	SP-3	S	1	X												

PRESERVATIVES: NONE, ASCORBIC, NaS_2O_3, NaOH, H_2SO_4, HNO_3, HCl

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
Mark E Hosler	4-21-95	1525	Jack H Garrison Jr	Jack H Garrison Jr	4-21-95	4:57pm	

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME	ADDITIONAL INSTRUCTIONS:
			Debra Davis	4/21/95	4:57	

REPORT COPY

*Rush work requires laboratory approval prior to sample submission. Additional charges may apply.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

METHOD REFERENCES

Federal Register, Vol. 59, 40 CFR Part 136.3, January 31, 1994

--Metals, Inorganics, and Organics for groundwater and wastewater

Federal Register, Vol. 56, 40 CFR Parts 141-143, January 30, 1991

--Metals, Inorganics, and Organics for drinking water

"Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater", NCDEHNR, DEM, March 1993.

--High Fraction Hydrocarbon and Low Fraction Hydrocarbon for groundwater and soil

SW-846, Third Edition, Revision I, July 1992

--Inorganics and Organics in soil or sludges. Metals in soil, sludge, or groundwater. (Metals in groundwater are digested by **Method 3030C, Standard Methods, 18th Edition)**

40 CFR Part 261, Appendix II and III

--Toxic Characteristic Leaching Procedure

Standard Methods, 18th Edition, 1992

--Total and Fecal Coliform in wastewater, streams, and lakes

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/22/95

PROJECT # 206435

SAMPLE NUMBER- 100592 SAMPLE ID- SS-1 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 0925
DATE RECEIVED- 05/15/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1355 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/15/95	DLD	90.6	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/16/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100592

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100592

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR _____ for THC

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/22/95

PROJECT # 206435

SAMPLE NUMBER- 100593 SAMPLE ID- SS-2 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 0935
DATE RECEIVED- 05/15/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1355 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/15/95	DLD	86.8	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/16/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100593

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100593

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR _____ for THL

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/22/95

PROJECT # 206435

SAMPLE NUMBER- 100594 SAMPLE ID- SS-3 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1000
DATE RECEIVED- 05/15/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1355 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/15/95	DLD	93.5	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/16/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100594

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100594

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR [signature] for THC

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/22/95

PROJECT # 206435

SAMPLE NUMBER- 100595 SAMPLE ID- SS-4 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1305
DATE RECEIVED- 05/15/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1355 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	84.0	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/16/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100595

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100595

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR _____ for THL

Chemical & Environmental Technology, Inc.
102-A Woodwinds Industrial Ct. Cary, NC 27511
(919) 467-3090 FAX: (919) 467-3515

CHAIN OF CUSTODY

CLIENT NAME: SITEX
ADDRESS: PO Box 13108
RTP, NC 27709
ATTENTION: Mark Hosler
PHONE: 544-4587
FAX: 544-0233
PROJECT NO: 206434
PROJECT NAME: 206434
COLLECTED BY: (Signature) Mark Hosler
PRINTED NAME Mark Hosler

Turnaround Time:
- ☐ Normal (2 weeks)
- ☐ Rush (1 week)*
- ☒ Rush (48 hours)*
- ☐ Rush (24 hours)*

BILL TO: Sitex
ADDRESS:
PURCHASE ORDER NO:

PRESERVED IN FIELD ☐
PRESERVED IN LAB ☐
RECEIVED ON ICE ☑

ANALYSES REQUIRED: 8021 VOCs; Priority Rush

CET SAMPLE #	DATE	TIME	SAMPLE COM	TYPE GRAB	SAMPLE I.D.	SAMPLE MATRIX	# OF CONTAINERS	8021 VOCs	Priority Rush	REMARKS	PRESERVATIVES: NONE	ASCORBIC	NaS_2O_3	NaOH	H_2SO_4	HNO_3	HCl
100592	5.15.95	0925		X	SS-1	S	1	X	3		✓						
100593	5.15.95	0935		X	SS-2	S	1	X	4		✓						
100594	5.15.95	1000		X	SS-3	S	1	X	1		✓						
100595	5.15.95	1305		X	SS-4	S	1	X	2		✓						

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
Mark Hosler	5.15.95	1320	Ron Stitt				

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
Ron Stitt	5/15/95	1:55PM	Denise Davis	5/15/95	1:55

ADDITIONAL INSTRUCTIONS:

REPORT COPY

*Rush work requires laboratory approval prior to sample submission. Additional charges may apply.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

METHOD REFERENCES

Federal Register, Vol. 59, 40 CFR Part 136.3, January 31, 1994

--Metals, Inorganics, and Organics for groundwater and wastewater

Federal Register, Vol. 56, 40 CFR Parts 141-143, January 30, 1991

--Metals, Inorganics, and Organics for drinking water

"Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater", NCDEHNR, DEM, March 1993.

--High Fraction Hydrocarbon and Low Fraction Hydrocarbon for groundwater and soil

SW-846, Third Edition, Revision I, July 1992

--Inorganics and Organics in soil or sludges. Metals in soil, sludge, or groundwater. (Metals in groundwater are digested by **Method 3030C, Standard Methods, 18th Edition)**

40 CFR Part 261, Appendix II and III

--Toxic Characteristic Leaching Procedure

Standard Methods, 18th Edition, 1992

--Total and Fecal Coliform in wastewater, streams, and lakes

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/18/95

206435

SAMPLE NUMBER- 100671 SAMPLE ID- SS-5 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1315
DATE RECEIVED- 05/16/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1110 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	89.4	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/17/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100671

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100671

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Terrie Litzenberger

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/18/95

206435

SAMPLE NUMBER- 100672 SAMPLE ID- SS-6 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1340
DATE RECEIVED- 05/16/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1110 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	90.4	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/17/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100672

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100672

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Jerrie Litzberger

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/18/95

206435

SAMPLE NUMBER- 100673 SAMPLE ID- SS-7 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1615
DATE RECEIVED- 05/16/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1110 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	81.6	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/17/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100673

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100673

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Jerrie Lotzberger

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/18/95

206435

SAMPLE NUMBER- 100674 SAMPLE ID- SS-8 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1630
DATE RECEIVED- 05/16/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1110 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	88.4	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/17/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100674

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100674

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Janice Fitzgerald

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/18/95

206435

SAMPLE NUMBER- 100675 SAMPLE ID- SS-9 SAMPLE MATRIX- SO
DATE SAMPLED- 05/15/95 TIME SAMPLED- 1645
DATE RECEIVED- 05/16/95 SAMPLER- MARK HOSLER RECEIVED BY- DLD
TIME RECEIVED- 1110 DELIVERED BY- ROSS STITT

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
PERCENT SOLIDS	2540G	05/17/95	DLD	89.5	NA	
VOLATILE ORGANIC CMPNDS - SOIL	8021	05/17/95	ALT			
BENZENE	8021			< 0.5	ug/kg	0.5
BROMOBENZENE	8021			< 0.5	ug/kg	0.5
BROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMODICHLOROMETHANE	8021			< 0.5	ug/kg	0.5
BROMOFORM	8021			< 0.5	ug/kg	0.5
BROMOMETHANE	8021			< 0.5	ug/kg	0.5
n-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
sec-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
tert-BUTYLBENZENE	8021			< 0.5	ug/kg	0.5
CARBON TETRACHLORIDE	8021			< 0.5	ug/kg	0.5
CHLOROBENZENE	8021			< 0.5	ug/kg	0.5
CHLOROETHANE	8021			< 0.5	ug/kg	0.5
CHLOROFORM	8021			< 0.5	ug/kg	0.5
CHLOROMETHANE	8021			< 0.5	ug/kg	0.5
2-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
4-CHLOROTOLUENE	8021			< 0.5	ug/kg	0.5
DIBROMOCHLOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DIBROMO-3-CHLOROPROPANE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100675

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DIBROMOETHANE	8021			< 0.5	ug/kg	0.5
DIBROMOMETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,4-DICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
DICHLORODIFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1 DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
cis-1,2-DICHLORETHENE	8021			< 0.5	ug/kg	0.5
trans-1,2-DICHLOROETHENE	8021			< 0.5	ug/kg	0.5
1,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,3-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
2,2-DICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,1-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
cis-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
trans-1,3-DICHLOROPROPENE	8021			< 0.5	ug/kg	0.5
ETHYLBENZENE	8021			< 0.5	ug/kg	0.5
HEXACHLOROBUTADIENE	8021			< 0.5	ug/kg	0.5
ISOPROPYLBENZENE	8021			< 0.5	ug/kg	0.5
p-ISOPROPYLTOLUENE	8021			< 0.5	ug/kg	0.5
METHLYENE CHLORIDE	8021			< 0.5	ug/kg	0.5
NAPHTHALENE	8021			< 0.5	ug/kg	0.5
n-PROPYLBENZENE	8021			< 0.5	ug/kg	0.5
STYRENE	8021			< 0.5	ug/kg	0.5
1,1,1,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2,2-TETRACHLOROETHANE	8021			< 0.5	ug/kg	0.5
TETRACHLOROETHENE	8021			< 0.5	ug/kg	0.5
TOLUENE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5
1,2,4-TRICHLOROBENZENE	8021			< 0.5	ug/kg	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100675

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,1,1-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
1,1,2-TRICHLOROETHANE	8021			< 0.5	ug/kg	0.5
TRICHLOROETHENE	8021			< 0.5	ug/kg	0.5
TRICHLOROFLUOROMETHANE	8021			< 0.5	ug/kg	0.5
1,2,3-TRICHLOROPROPANE	8021			< 0.5	ug/kg	0.5
1,2,4-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
1,3,5-TRIMETHYLBENZENE	8021			< 0.5	ug/kg	0.5
VINYL CHLORIDE	8021			< 0.5	ug/kg	0.5
o-XYLENE	8021			< 0.5	ug/kg	0.5
m,p-XYLENES	8021			< 0.5	ug/kg	0.5

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Jenie Fitzberger

Chemical & Environmental Technology, Inc.
102-A Woodwinds Industrial Ct. Cary, NC 27511
(919) 467-3090 FAX: (919) 467-3515

CHAIN OF CUSTODY

CLIENT NAME: SITEX Environmental, Inc.
ADDRESS: PO Box 13108
RTP, NC ~~27~~27709
ATTENTION: Mark Hosler
PHONE: 544-4587
FAX: 544-0233
PROJECT NO: 206435
PROJECT NAME:
COLLECTED BY: (Signature) Mark Hosler
PRINTED NAME Mark Hosler

Turnaround Time:
- ☐ Normal (2 weeks)
- ☐ Rush (1 week)*
- ☒ Rush (48 hours)*
- ☐ Rush (24 hours)*

BILL TO:
ADDRESS:
PURCHASE ORDER NO:

PRESERVED IN FIELD ☐
PRESERVED IN LAB ☐
RECEIVED ON ICE ☒

ANALYSES REQUIRED: VOCs 8021 / Rush Priority

CET SAMPLE #	DATE	TIME	SAMPLE COM	TYPE GRAB	SAMPLE ID.	SAMPLE MATRIX	# OF CONTAINERS	VOCs 8021				Rush Priority	REMARKS	NONE	ASCORBIC	NaS_2O_3	NaOH	H_2SO_4	HNO_3	HCl
100671	5.15.95	1315		X	SS-5	S	1	X				1		X						
100672	5.15.95	1340		X	SS-6	S	1	X				2								
100673	5.15.95	1415		X	SS-7	S	1	X				4								
100674	5.15.95	1630		X	SS-8	S	1	X				5								
100675	5.15.95	1645		X	SS-9	S	1	X				3								

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)
Mark Hosler	5.16.95	0840	Ross Stott				

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
Ross Stott	5/16/95	11:10 AM	Debra Davis	5/16/95	11:10

ADDITIONAL INSTRUCTIONS: 48-hr TA

REPORT COPY

*Rush work requires laboratory approval prior to sample submission. Additional charges may apply.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX
P.O. BOX 13108
RTP, NC 27709-
Attn: ROSS STITT

REPORT DATE: 04/28/95

206435

SAMPLE NUMBER- 99944 SAMPLE ID- MW-1
DATE SAMPLED- 04/25/95
DATE RECEIVED- 04/25/95 SAMPLER- ROSS STITT
TIME RECEIVED- 1445 DELIVERED BY- ROSS STITT

SAMPLE MATRIX- GW
TIME SAMPLED- 1245
RECEIVED BY- JLB

 PROJECT NAME : 206435

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
VOLATILE ORGANIC COMPOUNDS	502.2	04/27/95	ALT			
BENZENE	502.2			4.6 J	ug/L	5.0
BROMOBENZENE	502.2			< 5.0	ug/L	5.0
BROMOCHLOROMETHANE	502.2			< 5.0	ug/L	5.0
BROMODICHLOROMETHANE	502.2			< 5.0	ug/L	5.0
BROMOFORM	502.2			< 5.0	ug/L	5.0
BROMOMETHANE	502.2			< 5.0	ug/L	5.0
n-BUTYLBENZENE	502.2			< 5.0	ug/L	5.0
sec-BUTYLBENZENE	502.2			< 5.0	ug/L	5.0
tert-BUTYLBENZENE	502.2			< 5.0	ug/L	5.0
CARBON TETRACHLORIDE	502.2			< 5.0	ug/L	5.0
CHLOROBENZENE	502.2			< 5.0	ug/L	5.0
CHLOROETHANE	502.2			< 5.0	ug/L	5.0
CHLOROFORM	502.2			< 5.0	ug/L	5.0
CHLOROMETHANE	502.2			< 5.0	ug/L	5.0
2-CHLOROTOLUENE	502.2			< 5.0	ug/L	5.0
4-CHLOROTOLUENE	502.2			< 5.0	ug/L	5.0
DIBROMOCHLOROMETHANE	502.2			< 5.0	ug/L	5.0
1,2-DIBROMO-3-CHLOROPROPANE	502.2			< 5.0	ug/L	5.0
1,2-DIBROMOETHANE	502.2			< 5.0	ug/L	5.0
DIBROMOMETHANE	502.2			< 5.0	ug/L	5.0

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99944

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DICHLOROBENZENE	502.2			< 5.0	ug/L	5.0
1,3-DICHLOROBENZENE	502.2			< 5.0	ug/L	5.0
1,4-DICHLOROBENZENE	502.2			< 5.0	ug/L	5.0
DICHLORODIFLUOROMETHANE	502.2			< 5.0	ug/L	5.0
1,1-DICHLOROETHANE	502.2			85.9	ug/L	5.0
1,2-DICHLOROETHANE	502.2			< 5.0	ug/L	5.0
1,1 DICHLOROETHENE	502.2			< 5.0	ug/L	5.0
cis-1,2-DICHLORETHENE	502.2			< 5.0	ug/L	5.0
trans-1,2-DICHLOROETHENE	502.2			< 5.0	ug/L	5.0
1,2-DICHLOROPROPANE	502.2			< 5.0	ug/L	5.0
1,3-DICHLOROPROPANE	502.2			< 5.0	ug/L	5.0
2,2-DICHLOROPROPANE	502.2			< 5.0	ug/L	5.0
1,1-DICHLOROPROPENE	502.2			< 5.0	ug/L	5.0
cis-1,3-DICHLOROPROPENE	502.2			< 5.0	ug/L	5.0
trans-1,3-DICHLOROPROPENE	502.2			< 5.0	ug/L	5.0
ETHYLBENZENE	502.2			27.8	ug/L	5.0
HEXACHLOROBUTADIENE	502.2			< 5.0	ug/L	5.0
ISOPROPYLBENZENE	502.2			< 5.0	ug/L	5.0
p-ISOPROPYLTOLUENE	502.2			< 5.0	ug/L	5.0
METHYLENE CHLORIDE	502.2			< 5.0	ug/L	5.0
NAPHTHALENE	502.2			< 5.0	ug/L	5.0
n-PROPYLBENZENE	502.2			< 5.0	ug/L	5.0
STYRENE	502.2			11.3	ug/L	5.0
1,1,1,2-TETRACHLOROETHANE	502.2			< 5.0	ug/L	5.0
1,1,2,2-TETRACHLOROETHANE	502.2			< 5.0	ug/L	5.0
TETRACHLOROETHENE	502.2			545	ug/L	5.0
TOLUENE	502.2			33.8	ug/L	5.0
1,2,3-TRICHLOROBENZENE	502.2			< 5.0	ug/L	5.0
1,2,4-TRICHLOROBENZENE	502.2			< 5.0	ug/L	5.0
1,1,1-TRICHLOROETHANE	502.2			172	ug/L	5.0
1,1,2-TRICHLOROETHANE	502.2			< 5.0	ug/L	5.0

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 99944

ANALYSIS	METHOD	ANALYSIS DATE	BY	RESULT	UNITS	PQL
TRICHLOROETHENE	502.2			< 5.0	ug/L	5.0
TRICHLOROFLUOROMETHANE	502.2			< 5.0	ug/L	5.0
1,2,3-TRICHLOROPROPANE	502.2			< 5.0	ug/L	5.0
1,2,4-TRIMETHYLBENZENE	502.2			31.6	ug/L	5.0
1,3,5-TRIMETHYLBENZENE	502.2			7.4	ug/L	5.0
VINYL CHLORIDE	502.2			< 5.0	ug/L	5.0
o-XYLENE	502.2			53.2	ug/L	5.0
m,p-XYLENES	502.2			121	ug/L	5.0

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR A. Linh Thomas for MHZ

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

METHOD REFERENCES

Federal Register, Vol. 59, 40 CFR Part 136.3, January 31, 1994

--Metals, Inorganics, and Organics for groundwater and wastewater

Federal Register, Vol. 56, 40 CFR Parts 141-143, January 30, 1991

--Metals, Inorganics, and Organics for drinking water

"Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater", NCDEHNR, DEM, March 1993.

--High Fraction Hydrocarbon and Low Fraction Hydrocarbon for groundwater and soil

SW-846, Third Edition, Revision I, July 1992

--Inorganics and Organics in soil or sludges. Metals in soil, sludge, or groundwater. (Metals in groundwater are digested by **Method 3030C, Standard Methods, 18th Edition)**

40 CFR Part 261, Appendix II and III

--Toxic Characteristic Leaching Procedure

Standard Methods, 18th Edition, 1992

--Total and Fecal Coliform in wastewater, streams, and lakes

CTE [redacted]

102-A Woodwinds Industrial Ct.
Cary, NC 27511 (919) 467-3090

CHAIN OF CUSTODY RECORD

CLIENT NAME: Sitex

ADDRESS: PO Box 13108
RTP, NC 27709

PHONE: 544-4587

PROJECT NO: 206435

PROJECT NAME: 206435

COLLECTED BY: (Signature) Ron Stitt

BILL TO: Sitex

ADDRESS:

PURCHASE ORDER NO:

PRESERVED IN FIELD ☑
PRESERVED IN LAB ☐
RECEIVED ON ICE ☑

ANALYSES REQUIRED: 502.2

C & ET NO.	DATE	TIME	COMP	GRAB	SAMPLE I.D.	NO. CONTAINERS	502.2						REMARKS	NONE	NaOH	H_2SO_4	HNO_3	HCl
99944	4/25/95	12:45 PM		✓	MW-1	4	✓						G.W.					✓

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME	REMARKS:
Ron Stitt	4/25/95	2:45 PM	[signature]	4/25	2:45	48 hr turnaround

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/25/95

206435

SAMPLE NUMBER- 100801 SAMPLE ID- MW-2 SAMPLE MATRIX- GW
DATE SAMPLED- 05/18/95 TIME SAMPLED- 1050
DATE RECEIVED- 05/18/95 SAMPLER- MARK HOSLER RECEIVED BY- THL
TIME RECEIVED- 1250 DELIVERED BY- MARK HOSLER

 PROJECT NAME : 206435

ALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
VOLATILE ORGANIC COMPOUNDS	502.2			05/18/95	ALT			
BENZENE	502.2					< 0.5	ug/L	0.5
BROMOBENZENE	502.2					< 0.5	ug/L	0.5
BROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMODICHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMOFORM	502.2					< 0.5	ug/L	0.5
BROMOMETHANE	502.2					< 0.5	ug/L	0.5
n-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
sec-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
tert-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
CARBON TETRACHLORIDE	502.2					< 0.5	ug/L	0.5
CHLOROBENZENE	502.2					< 0.5	ug/L	0.5
CHLOROETHANE	502.2					< 0.5	ug/L	0.5
CHLOROFORM	502.2					< 0.5	ug/L	0.5
CHLOROMETHANE	502.2					< 0.5	ug/L	0.5
2-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
4-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
DIBROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMO-3-CHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMOETHANE	502.2					< 0.5	ug/L	0.5
DIBROMOMETHANE	502.2					< 0.5	ug/L	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100801

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,4-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
DICHLORODIFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,2-DICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1 DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
cis-1,2-DICHLORETHENE	502.2					< 0.5	ug/L	0.5
trans-1,2-DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
1,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
2,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
cis-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
trans-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
ETHYLBENZENE	502.2					< 0.5	ug/L	0.5
HEXACHLOROBUTADIENE	502.2					< 0.5	ug/L	0.5
ISOPROPYLBENZENE	502.2					< 0.5	ug/L	0.5
p-ISOPROPYLTOLUENE	502.2					< 0.5	ug/L	0.5
METHYLENE CHLORIDE	502.2					< 0.5	ug/L	0.5
NAPHTHALENE	502.2					< 0.5	ug/L	0.5
n-PROPYLBENZENE	502.2					< 0.5	ug/L	0.5
STYRENE	502.2					< 0.5	ug/L	0.5
1,1,1,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1,2,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
TETRACHLOROETHENE	502.2					< 0.5	ug/L	0.5
TOLUENE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,2,4-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,1,1-TRICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1,2-TRICHLOROETHANE	502.2					< 0.5	ug/L	0.5

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100801

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
TRICHLOROETHENE	502.2					< 0.5	ug/L	0.5
TRICHLOROFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2,4-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
1,3,5-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
VINYL CHLORIDE	502.2					< 0.5	ug/L	0.5
o-XYLENE	502.2					< 0.5	ug/L	0.5
m,p-XYLENES	502.2					< 0.5	ug/L	0.5
BASE NEUTRAL/ACIDS	EPA 625	05/18/95	MMP	05/23/95	JBR			
ACENAPHTHENE	EPA 625					< 10	ug/L	10
ACENAPHTHYLENE	EPA 625					< 10	ug/L	10
ANTHRACENE	EPA 625					< 10	ug/L	10
BENZIDINE	EPA 625					< 10	ug/L	10
BENZO(a)ANTHRACENE	EPA 625					< 10	ug/L	10
BENZO(b)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(k)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(g,h,i)PERYLENE	EPA 625					< 10	ug/L	10
BENZO(a)PYRENE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHYL) ETHER	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHOXY) METHANE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROISOPROPYL)ETHER	EPA 625					< 10	ug/L	10
bis-(2-ETHYLHEXYL) PHTHALATE	EPA 625					< 10	ug/L	10
4-BROMOPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
BUTYL BENZYL PHTHALATE	EPA 625					< 10	ug/L	10
2-CHLORONAPHTHALENE	EPA 625					< 10	ug/L	10
4-CHLOROPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
CHRYSENE	EPA 625					< 10	ug/L	10
DIBENZO(a,h)ANTHRACENE	EPA 625					< 10	ug/L	10
di-n-BUTYLPHTHALATE	EPA 625					< 10	ug/L	10
1,2-DICHLOROBENZENE	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100801

ANALYSIS	METHOD	SAMPLE DATE	PREP BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,3-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
1,4-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
3,3'-DICHLOROBENZIDINE	EPA 625					< 20	ug/L	20
DIETHYL PHTHALATE	EPA 625					< 10	ug/L	10
DIMETHYL PHTHALATE	EPA 625					< 10	ug/L	10
2,4-DINTROTOLUENE	EPA 625					< 10	ug/L	10
2,6-DINITROTOLUENE	EPA 625					< 10	ug/L	10
di-n-OCTYLPHTHALATE	EPA 625					< 10	ug/L	10
FLUORANTHENE	EPA 625					< 10	ug/L	10
FLUORENE	EPA 625					< 10	ug/L	10
HEXACHLOROBENZENE	EPA 625					< 10	ug/L	10
HEXACHLOROBUTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROCYCLOPENTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROETHANE	EPA 625					< 10	ug/L	10
INDENO(1,2,3-cd)PYRENE	EPA 625					< 10	ug/L	10
ISOPHORONE	EPA 625					< 10	ug/L	10
NAPHTHALENE	EPA 625					< 10	ug/L	10
NITROBENZENE	EPA 625					< 10	ug/L	10
N-NITROSODIMETHYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODIPHENYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODI-n-PROPYLAMINE	EPA 625					< 10	ug/L	10
PHENANTHRENE	EPA 625					< 10	ug/L	10
PYRENE	EPA 625					< 10	ug/L	10
1,2,4-TRICHLOROBENZENE	EPA 625					< 10	ug/L	10
4-CHLORO-3-METHYLPHENOL	EPA 625					< 10	ug/L	10
2-CHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DICHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DIMETHYLPHENOL	EPA 625					< 10	ug/L	10
2,4-DINITROPHENOL	EPA 625					< 20	ug/L	20
2-METHYL-4,6-DINITROPHENOL	EPA 625					< 10	ug/L	10
2-NITROPHENOL	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100801

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
4-NITROPHENOL	EPA 625					< 20	ug/L	20
PENTACHLOROPHENOL	EPA 625					< 20	ug/L	20
PHENOL	EPA 625					< 10	ug/L	10
2,4,6-TRICHLOROPHENOL	EPA 625					< 10	ug/L	10
ARSENIC IN GROUNDWATER	7060	05/19/95	JLB	05/24/95	JMM	<0.01	mg/L	0.01
BARIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.60	mg/L	0.01
CADMIUM IN GROUNDWATER	7131	05/19/95	JLB	05/24/95	JMM	<0.001	mg/L	0.001
CHROMIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.06	mg/L	0.01
LEAD IN GROUNDWATER	7421	05/19/95	JLB	05/24/95	JMM	0.027	mg/L	0.004
MERCURY IN GROUNDWATER	7470	05/19/95	JLB	05/25/95	JLB	<0.0002	mg/L	0.0002
SELENIUM IN GROUNDWATER	7740	05/19/95	JLB	05/23/95	JMM	<0.004	mg/L	0.004
SILVER IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	<0.01	mg/L	0.01

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Terrie Fitzgerald

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/25/95

206435

SAMPLE NUMBER- 100802 SAMPLE ID- MW-3 SAMPLE MATRIX- GW
DATE SAMPLED- 05/18/95 TIME SAMPLED- 1105
DATE RECEIVED- 05/18/95 SAMPLER- MARK HOSLER RECEIVED BY- THL
TIME RECEIVED- 1250 DELIVERED BY- MARK HOSLER

 PROJECT NAME : 206435

ALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
VOLATILE ORGANIC COMPOUNDS	502.2			05/18/95	ALT			
BENZENE	502.2					< 0.5	ug/L	0.5
BROMOBENZENE	502.2					< 0.5	ug/L	0.5
BROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMODICHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMOFORM	502.2					< 0.5	ug/L	0.5
BROMOMETHANE	502.2					< 0.5	ug/L	0.5
n-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
sec-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
tert-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
CARBON TETRACHLORIDE	502.2					< 0.5	ug/L	0.5
CHLOROBENZENE	502.2					< 0.5	ug/L	0.5
CHLOROETHANE	502.2					< 0.5	ug/L	0.5
CHLOROFORM	502.2					< 0.5	ug/L	0.5
CHLOROMETHANE	502.2					< 0.5	ug/L	0.5
2-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
4-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
DIBROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMO-3-CHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMOETHANE	502.2					< 0.5	ug/L	0.5
DIBROMOMETHANE	502.2					< 0.5	ug/L	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100802

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,4-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
DICHLORODIFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,2-DICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1 DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
cis-1,2-DICHLORETHENE	502.2					< 0.5	ug/L	0.5
trans-1,2-DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
1,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
2,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
cis-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
trans-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
ETHYLBENZENE	502.2					< 0.5	ug/L	0.5
HEXACHLOROBUTADIENE	502.2					< 0.5	ug/L	0.5
ISOPROPYLBENZENE	502.2					< 0.5	ug/L	0.5
p-ISOPROPYLTOLUENE	502.2					< 0.5	ug/L	0.5
METHYLENE CHLORIDE	502.2					< 0.5	ug/L	0.5
NAPHTHALENE	502.2					< 0.5	ug/L	0.5
n-PROPYLBENZENE	502.2					< 0.5	ug/L	0.5
STYRENE	502.2					< 0.5	ug/L	0.5
1,1,1,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1,2,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
TETRACHLOROETHENE	502.2					< 0.5	ug/L	0.5
TOLUENE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,2,4-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,1,1-TRICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1,2-TRICHLOROETHANE	502.2					< 0.5	ug/L	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100802

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
TRICHLOROETHENE	502.2					< 0.5	ug/L	0.5
TRICHLOROFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2,4-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
1,3,5-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
VINYL CHLORIDE	502.2					< 0.5	ug/L	0.5
o-XYLENE	502.2					< 0.5	ug/L	0.5
m,p-XYLENES	502.2					< 0.5	ug/L	0.5
BASE NEUTRAL/ACIDS	EPA 625	05/18/95	MMP	05/23/95	JBR			
ACENAPHTHENE	EPA 625					< 10	ug/L	10
ACENAPHTHYLENE	EPA 625					< 10	ug/L	10
ANTHRACENE	EPA 625					< 10	ug/L	10
BENZIDINE	EPA 625					< 10	ug/L	10
BENZO(a)ANTHRACENE	EPA 625					< 10	ug/L	10
BENZO(b)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(k)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(g,h,i)PERYLENE	EPA 625					< 10	ug/L	10
BENZO(a)PYRENE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHYL) ETHER	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHOXY) METHANE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROISOPROPYL)ETHER	EPA 625					< 10	ug/L	10
bis-(2-ETHYLHEXYL) PHTHALATE	EPA 625					< 10	ug/L	10
4-BROMOPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
BUTYL BENZYL PHTHALATE	EPA 625					< 10	ug/L	10
2-CHLORONAPHTHALENE	EPA 625					< 10	ug/L	10
4-CHLOROPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
CHRYSENE	EPA 625					< 10	ug/L	10
DIBENZO(a,h)ANTHRACENE	EPA 625					< 10	ug/L	10
di-n-BUTYLPHTHALATE	EPA 625					< 10	ug/L	10
1,2-DICHLOROBENZENE	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100802

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,3-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
1,4-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
3,3'-DICHLOROBENZIDINE	EPA 625					< 20	ug/L	20
DIETHYL PHTHALATE	EPA 625					< 10	ug/L	10
DIMETHYL PHTHALATE	EPA 625					< 10	ug/L	10
2,4-DINTROTOLUENE	EPA 625					< 10	ug/L	10
2,6-DINITROTOLUENE	EPA 625					< 10	ug/L	10
di-n-OCTYLPHTHALATE	EPA 625					< 10	ug/L	10
FLUORANTHENE	EPA 625					< 10	ug/L	10
FLUORENE	EPA 625					< 10	ug/L	10
HEXACHLOROBENZENE	EPA 625					< 10	ug/L	10
HEXACHLOROBUTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROCYCLOPENTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROETHANE	EPA 625					< 10	ug/L	10
INDENO(1,2,3-cd)PYRENE	EPA 625					< 10	ug/L	10
ISOPHORONE	EPA 625					< 10	ug/L	10
NAPHTHALENE	EPA 625					< 10	ug/L	10
NITROBENZENE	EPA 625					< 10	ug/L	10
N-NITROSODIMETHYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODIPHENYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODI-n-PROPYLAMINE	EPA 625					< 10	ug/L	10
PHENANTHRENE	EPA 625					< 10	ug/L	10
PYRENE	EPA 625					< 10	ug/L	10
1,2,4-TRICHLOROBENZENE	EPA 625					< 10	ug/L	10
4-CHLORO-3-METHYLPHENOL	EPA 625					< 10	ug/L	10
2-CHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DICHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DIMETHYLPHENOL	EPA 625					< 10	ug/L	10
2,4-DINITROPHENOL	EPA 625					< 20	ug/L	20
2-METHYL-4,6-DINITROPHENOL	EPA 625					< 10	ug/L	10
2-NITROPHENOL	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100802

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
4-NITROPHENOL	EPA 625					< 20	ug/L	20
PENTACHLOROPHENOL	EPA 625					< 20	ug/L	20
PHENOL	EPA 625					< 10	ug/L	10
2,4,6-TRICHLOROPHENOL	EPA 625					< 10	ug/L	10
ARSENIC IN GROUNDWATER	7060	05/19/95	JLB	05/24/95	JMM	<0.01	mg/L	0.01
BARIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.30	mg/L	0.01
CADMIUM IN GROUNDWATER	7131	05/19/95	JLB	05/24/95	JMM	<0.001	mg/L	0.001
CHROMIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.03	mg/L	0.01
LEAD IN GROUNDWATER	7421	05/19/95	JLB	05/24/95	JMM	0.011	mg/L	0.004
MERCURY IN GROUNDWATER	7470	05/19/95	JLB	05/25/95	JLB	<0.0002	mg/L	0.0002
SELENIUM IN GROUNDWATER	7740	05/19/95	JLB	05/23/95	JMM	<0.004	mg/L	0.004
SILVER IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	<0.01	mg/L	0.01

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Terrie Fitzgerald

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

FINAL REPORT OF ANALYSES

SITEX ENVIRONMENTAL, INC.
P.O. BOX 13108
R.T.P., NC 27709-
Attn: M. HOSLER

REPORT DATE: 05/25/95

206435

SAMPLE NUMBER- 100803 SAMPLE ID- MW-4 SAMPLE MATRIX- GW
DATE SAMPLED- 05/18/95 TIME SAMPLED- 1120
DATE RECEIVED- 05/18/95 SAMPLER- MARK HOSLER RECEIVED BY- THL
TIME RECEIVED- 1250 DELIVERED BY- MARK HOSLER

 PROJECT NAME : 206435

ALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
VOLATILE ORGANIC COMPOUNDS	502.2			05/18/95	ALT			
BENZENE	502.2					< 0.5	ug/L	0.5
BROMOBENZENE	502.2					< 0.5	ug/L	0.5
BROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMODICHLOROMETHANE	502.2					< 0.5	ug/L	0.5
BROMOFORM	502.2					< 0.5	ug/L	0.5
BROMOMETHANE	502.2					< 0.5	ug/L	0.5
n-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
sec-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
tert-BUTYLBENZENE	502.2					< 0.5	ug/L	0.5
CARBON TETRACHLORIDE	502.2					< 0.5	ug/L	0.5
CHLOROBENZENE	502.2					< 0.5	ug/L	0.5
CHLOROETHANE	502.2					< 0.5	ug/L	0.5
CHLOROFORM	502.2					< 0.5	ug/L	0.5
CHLOROMETHANE	502.2					< 0.5	ug/L	0.5
2-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
4-CHLOROTOLUENE	502.2					< 0.5	ug/L	0.5
DIBROMOCHLOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMO-3-CHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2-DIBROMOETHANE	502.2					< 0.5	ug/L	0.5
DIBROMOMETHANE	502.2					< 0.5	ug/L	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100803

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,2-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,4-DICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
DICHLORODIFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROETHANE	502.2					0.4 J	ug/L	0.5
1,2-DICHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1 DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
cis-1,2-DICHLORETHENE	502.2					< 0.5	ug/L	0.5
trans-1,2-DICHLOROETHENE	502.2					< 0.5	ug/L	0.5
1,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,3-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
2,2-DICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,1-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
cis-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
trans-1,3-DICHLOROPROPENE	502.2					< 0.5	ug/L	0.5
ETHYLBENZENE	502.2					< 0.5	ug/L	0.5
HEXACHLOROBUTADIENE	502.2					< 0.5	ug/L	0.5
ISOPROPYLBENZENE	502.2					< 0.5	ug/L	0.5
p-ISOPROPYLTOLUENE	502.2					< 0.5	ug/L	0.5
METHYLENE CHLORIDE	502.2					< 0.5	ug/L	0.5
NAPHTHALENE	502.2					< 0.5	ug/L	0.5
n-PROPYLBENZENE	502.2					< 0.5	ug/L	0.5
STYRENE	502.2					< 0.5	ug/L	0.5
1,1,1,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
1,1,2,2-TETRACHLOROETHANE	502.2					< 0.5	ug/L	0.5
TETRACHLOROETHENE	502.2					4.0	ug/L	0.5
TOLUENE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,2,4-TRICHLOROBENZENE	502.2					< 0.5	ug/L	0.5
1,1,1-TRICHLOROETHANE	502.2					1.0	ug/L	0.5
1,1,2-TRICHLOROETHANE	502.2					< 0.5	ug/L	0.5

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100803

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
TRICHLOROETHENE	502.2					< 0.5	ug/L	0.5
TRICHLOROFLUOROMETHANE	502.2					< 0.5	ug/L	0.5
1,2,3-TRICHLOROPROPANE	502.2					< 0.5	ug/L	0.5
1,2,4-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
1,3,5-TRIMETHYLBENZENE	502.2					< 0.5	ug/L	0.5
VINYL CHLORIDE	502.2					< 0.5	ug/L	0.5
o-XYLENE	502.2					< 0.5	ug/L	0.5
m,p-XYLENES	502.2					0.5	ug/L	0.5
BASE NEUTRAL/ACIDS	EPA 625	05/18/95	MMP	05/23/95	JBR			
ACENAPHTHENE	EPA 625					< 10	ug/L	10
ACENAPHTHYLENE	EPA 625					< 10	ug/L	10
ANTHRACENE	EPA 625					< 10	ug/L	10
BENZIDINE	EPA 625					< 10	ug/L	10
BENZO(a)ANTHRACENE	EPA 625					< 10	ug/L	10
BENZO(b)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(k)FLUORANTHENE	EPA 625					< 10	ug/L	10
BENZO(g,h,i)PERYLENE	EPA 625					< 10	ug/L	10
BENZO(a)PYRENE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHYL) ETHER	EPA 625					< 10	ug/L	10
bis-(2-CHLOROETHOXY) METHANE	EPA 625					< 10	ug/L	10
bis-(2-CHLOROISOPROPYL)ETHER	EPA 625					< 10	ug/L	10
bis-(2-ETHYLHEXYL) PHTHALATE	EPA 625					< 10	ug/L	10
4-BROMOPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
BUTYL BENZYL PHTHALATE	EPA 625					< 10	ug/L	10
2-CHLORONAPHTHALENE	EPA 625					< 10	ug/L	10
4-CHLOROPHENYL PHENYL ETHER	EPA 625					< 10	ug/L	10
CHRYSENE	EPA 625					< 10	ug/L	10
DIBENZO(a,h)ANTHRACENE	EPA 625					< 10	ug/L	10
di-n-BUTYLPHTHALATE	EPA 625					< 10	ug/L	10
1,2-DICHLOROBENZENE	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

CTE

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100803

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
1,3-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
1,4-DICHLOROBENZENE	EPA 625					< 10	ug/L	10
3,3'-DICHLOROBENZIDINE	EPA 625					< 20	ug/L	20
DIETHYL PHTHALATE	EPA 625					< 10	ug/L	10
DIMETHYL PHTHALATE	EPA 625					< 10	ug/L	10
2,4-DINTROTOLUENE	EPA 625					< 10	ug/L	10
2,6-DINITROTOLUENE	EPA 625					< 10	ug/L	10
di-n-OCTYLPHTHALATE	EPA 625					< 10	ug/L	10
FLUORANTHENE	EPA 625					< 10	ug/L	10
FLUORENE	EPA 625					< 10	ug/L	10
HEXACHLOROBENZENE	EPA 625					< 10	ug/L	10
HEXACHLOROBUTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROCYCLOPENTADIENE	EPA 625					< 10	ug/L	10
HEXACHLOROETHANE	EPA 625					< 10	ug/L	10
INDENO(1,2,3-cd)PYRENE	EPA 625					< 10	ug/L	10
ISOPHORONE	EPA 625					< 10	ug/L	10
NAPHTHALENE	EPA 625					< 10	ug/L	10
NITROBENZENE	EPA 625					< 10	ug/L	10
N-NITROSODIMETHYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODIPHENYLAMINE	EPA 625					< 10	ug/L	10
N-NITROSODI-n-PROPYLAMINE	EPA 625					< 10	ug/L	10
PHENANTHRENE	EPA 625					< 10	ug/L	10
PYRENE	EPA 625					< 10	ug/L	10
1,2,4-TRICHLOROBENZENE	EPA 625					< 10	ug/L	10
4-CHLORO-3-METHYLPHENOL	EPA 625					< 10	ug/L	10
2-CHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DICHLOROPHENOL	EPA 625					< 10	ug/L	10
2,4-DIMETHYLPHENOL	EPA 625					< 10	ug/L	10
2,4-DINITROPHENOL	EPA 625					< 20	ug/L	20
2-METHYL-4,6-DINITROPHENOL	EPA 625					< 10	ug/L	10
2-NITROPHENOL	EPA 625					< 10	ug/L	10

AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, INC.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

 PROJECT NAME : 206435

CONTINUATION OF DATA FOR SAMPLE NUMBER 100803

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	BY	RESULT	UNITS	PQL
4-NITROPHENOL	EPA 625					< 20	ug/L	20
PENTACHLOROPHENOL	EPA 625					< 20	ug/L	20
PHENOL	EPA 625					< 10	ug/L	10
2,4,6-TRICHLOROPHENOL	EPA 625					< 10	ug/L	10
ARSENIC IN GROUNDWATER	7060	05/19/95	JLB	05/24/95	JMM	<0.01	mg/L	0.01
BARIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.31	mg/L	0.01
CADMIUM IN GROUNDWATER	7131	05/19/95	JLB	05/24/95	JMM	<0.001	mg/L	0.001
CHROMIUM IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	0.03	mg/L	0.01
LEAD IN GROUNDWATER	7421	05/19/95	JLB	05/24/95	JMM	0.013	mg/L	0.004
MERCURY IN GROUNDWATER	7470	05/19/95	JLB	05/25/95	JLB	<0.0002	mg/L	0.0002
SELENIUM IN GROUNDWATER	7740	05/19/95	JLB	05/23/95	JMM	<0.004	mg/L	0.004
SILVER IN GROUNDWATER	6010	05/19/95	JLB	05/23/95	JMM	<0.01	mg/L	0.01

PQL = Practical Quantitation Limit
Results followed by the letter J are estimated concentrations.
All results for soil and sludge samples are reported on a dry weight basis as required by the NC DEM Laboratory Certification Section. Wet Weight Concentration = (dry weight conc.)(percent solids)/100.

LABORATORY DIRECTOR Terrie Litzberger

Chemical & Environmental Technology, Inc.

102-A Woodwinds Industrial Ct. Cary, NC 27511
(919) 467-3090 FAX: (919) 467-3515

CHAIN OF CUSTODY

Page____of____

CLIENT NAME: SITEX Environmental, Inc.

ADDRESS: PO Box 13108
RTP, NC 27709

ATTENTION: Mark Hosler
PHONE: 544-4587
FAX: 544-0233

PROJECT NO: 206435
PROJECT NAME:

COLLECTED BY: (Signature) Mark Hosler
PRINTED NAME Mark Hosler

Turnaround Time:
- ☐ Normal (2 weeks)
- ☐ Rush (1 week)*
- ☒ Rush (48 hours)*
- ☐ Rush (24 hours)*

BILL TO:
ADDRESS:
PURCHASE ORDER NO:

PRESERVED IN FIELD ☒
PRESERVED IN LAB ☐
RECEIVED ON ICE ☐

ANALYSES REQUIRED: Volatile Organics 502.2; 625 BNA; 8 RCRA metals (3030C)

CET SAMPLE #	DATE	TIME	SAMPLE COM	TYPE GRAB	SAMPLE I.D.	SAMPLE MATRIX	# OF CONTAINERS	Volatile Organics 502.2	625 BNA	8 RCRA metals (3030C)				REMARKS	NONE	ASCORBIC	NaS_2O_3	NaOH	H_2SO_4	HNO_3	HCl
100801	5.18.95	1050		X	MW-2	W	5	X	X	X										X	X
100802	5.18.95	1105		X	MW-3	W	5	X	X	X										X	X
100803	5.18.95	1120		X	MW-4	W	5	X	X	X										X	X

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED BY (Signature)

RELINQUISHED BY (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME	ADDITIONAL INSTRUCTIONS:
Mark Hosler	5.18.95	1250	Jessie Lutzkanyer	5/18/95	1250	

PORT[redacted]PY

*Rush work requires laboratory approval prior to sample submission. Additional charges may apply.

Chemical & Environmental Technology, Inc.

ENVIRONMENTAL LABORATORY AND CONSULTING SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467-3090
FAX (919) 467-3515

METHOD REFERENCES

Federal Register, Vol. 59, 40 CFR Part 136.3, January 31, 1994

--Metals, Inorganics, and Organics for groundwater and wastewater

Federal Register, Vol. 56, 40 CFR Parts 141-143, January 30, 1991

--Metals, Inorganics, and Organics for drinking water

"Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater", NCDEHNR, DEM, March 1993.

--High Fraction Hydrocarbon and Low Fraction Hydrocarbon for groundwater and soil

SW-846, Third Edition, Revision I, July 1992

--Inorganics and Organics in soil or sludges. Metals in soil, sludge, or groundwater. (Metals in groundwater are digested by **Method 3030C, Standard Methods, 18th Edition)**

40 CFR Part 261, Appendix II and III

--Toxic Characteristic Leaching Procedure

Standard Methods, 18th Edition, 1992

--Total and Fecal Coliform in wastewater, streams, and lakes

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 10, 2008

Mr. Jack Garrison
Bensinger & Garrison
PO Box 14609
RTP, NC 27709

RE: Project: 186708
Pace Project No.: 9229273

Dear Mr. Garrison:
Enclosed are the analytical results for sample(s) received by the laboratory on October 03, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 186708
Pace Project No.: 9229273

Charlotte Certification IDs

Connecticut Certification Number: PH-0104
Pennsylvania Certification Number: 68-00784
West Virginia Certification Number: 357
Virginia Certification Number: 00213
Tennessee Certification Number: 04010
South Carolina Drinking Water Cert. Number: 990060003
South Carolina Certification Number: 990060001
North Carolina Field Services Certification Number: 5342
North Carolina Wastewater Certification Number: 12
North Carolina Drinking Water Certification Number: 37706
Louisiana/LELAP Certification Number: 04034
Kentucky UST Certification Number: 84
New Jersey Certification Number: NC012
Florida/NELAP Certification Number: E87627

Asheville Certification IDs

Connecticut Certification Number: PH-0106
Massachusetts Certification Number: M-NC030
West Virginia Certification Number: 356
Virginia Certification Number: 00072
Tennessee Certification Number: 2980
South Carolina Bioassay Certification Number: 99030002
South Carolina Certification Number: 99030001
Pennsylvania Certification Number: 68-03578
North Carolina Bioassay Certification Number: 9
North Carolina Wastewater Certification Number: 40
North Carolina Drinking Water Certification Number: 37712
New Jersey Certification Number: NC011
Louisiana/LELAP Certification Number: 03095
Florida/NELAP Certification Number: E87648

Eden Certification IDs

Virginia Drinking Water Certification Number: 00424
North Carolina Wastewater Certification Number: 633
North Carolina Drinking Water Certification Number: 37738

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 186708
Pace Project No.: 9229273

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9229273001	MW-1	EPA 6010	JMW	2	PASI-A
		EPA 625	BET	58	PASI-C
		MADEP EPH	JAC	7	PASI-C
		MADEP VPH	DHW	5	PASI-C
		SM 6210	DJM	65	PASI-C
9229273002	MW-4	EPA 6010	JMW	2	PASI-A
		EPA 625	BET	58	PASI-C
		MADEP EPH	JAC	7	PASI-C
		MADEP VPH	DHW	5	PASI-C
		SM 6210	DJM	65	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-1 **Lab ID: 9229273001** Collected: 10/02/08 11:00 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	ug/L	119	1	10/04/08 00:00	10/07/08 18:08		
Aliphatic (C19-C36)	ND	ug/L	119	1	10/04/08 00:00	10/07/08 18:08		
Aromatic (C11-C22)	ND	ug/L	119	1	10/04/08 00:00	10/07/08 18:08		
Nonatriacontane (S)	67	%	40-140	1	10/04/08 00:00	10/07/08 18:08	7194-86-7	
o-Terphenyl (S)	57	%	40-140	1	10/04/08 00:00	10/07/08 18:08	84-15-1	
2-Fluorobiphenyl (S)	71	%	40-140	1	10/04/08 00:00	10/07/08 18:08	321-60-8	
2-Bromonaphthalene (S)	72	%	40-140	1	10/04/08 00:00	10/07/08 18:08	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH							
Aliphatic (C05-C08)	ND	ug/L	100	1		10/09/08 04:56		
Aliphatic (C09-C12)	ND	ug/L	100	1		10/09/08 04:56		
Aromatic (C09-C10)	ND	ug/L	100	1		10/09/08 04:56		
2,5-Dibromotoluene (PID)(S)	99	%	70-130	1		10/09/08 04:56		
2,5-Dibromotoluene (FID)(S)	103	%	70-130	1		10/09/08 04:56		
6010 MET ICP, 3030C	Analytical Method: EPA 6010 Preparation Method: SM 3030C							
Chromium	**7.2**	ug/L	5.0	1	10/04/08 09:50	10/07/08 04:35	7440-47-3	
Lead	ND	ug/L	5.0	1	10/04/08 09:50	10/07/08 04:35	7439-92-1	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Acenaphthene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	83-32-9	
Acenaphthylene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	208-96-8	
Anthracene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	207-08-9	
4-Bromophenylphenyl ether	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	108-60-1	
2-Chloronaphthalene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	91-58-7	
2-Chlorophenol	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	7005-72-3	
Chrysene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	53-70-3	
3,3'-Dichlorobenzidine	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	120-83-2	
Diethylphthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	105-67-9	
Dimethylphthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	30.8	1	10/07/08 00:00	10/09/08 03:30	534-52-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-1 **Lab ID: 9229273001** Collected: 10/02/08 11:00 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
2,4-Dinitrophenol	ND	ug/L	76.9	1	10/07/08 00:00	10/09/08 03:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	606-20-2	
Di-n-octylphthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	117-81-7	
Fluoranthene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	206-44-0	
Fluorene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	87-68-3	
Hexachlorobenzene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	77-47-4	
Hexachloroethane	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	193-39-5	
Isophorone	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	78-59-1	
Naphthalene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	91-20-3	
Nitrobenzene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	98-95-3	
2-Nitrophenol	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	88-75-5	
4-Nitrophenol	ND	ug/L	76.9	1	10/07/08 00:00	10/09/08 03:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	86-30-6	
Pentachlorophenol	ND	ug/L	38.5	1	10/07/08 00:00	10/09/08 03:30	87-86-5	
Phenanthrene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	85-01-8	
Phenol	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	108-95-2	
Pyrene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	7.7	1	10/07/08 00:00	10/09/08 03:30	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	15.4	1	10/07/08 00:00	10/09/08 03:30	88-06-2	
Nitrobenzene-d5 (S)	70	%	10-120	1	10/07/08 00:00	10/09/08 03:30	4165-60-0	
2-Fluorobiphenyl (S)	74	%	15-120	1	10/07/08 00:00	10/09/08 03:30	321-60-8	
Terphenyl-d14 (S)	90	%	11-131	1	10/07/08 00:00	10/09/08 03:30	1718-51-0	
Phenol-d6 (S)	28	%	10-120	1	10/07/08 00:00	10/09/08 03:30	13127-88-3	
2-Fluorophenol (S)	42	%	10-120	1	10/07/08 00:00	10/09/08 03:30	367-12-4	
2,4,6-Tribromophenol (S)	77	%	10-137	1	10/07/08 00:00	10/09/08 03:30	118-79-6	
6210 MSV	Analytical Method: SM 6210							
Benzene	ND	ug/L	0.50	1		10/06/08 00:25	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		10/06/08 00:25	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		10/06/08 00:25	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		10/06/08 00:25	75-27-4	
Bromoform	ND	ug/L	0.50	1		10/06/08 00:25	75-25-2	
Bromomethane	ND	ug/L	1.0	1		10/06/08 00:25	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		10/06/08 00:25	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		10/06/08 00:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/08 00:25	75-00-3	
Chloroform	ND	ug/L	0.50	1		10/06/08 00:25	67-66-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-1 **Lab ID: 9229273001** Collected: 10/02/08 11:00 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6210 MSV	Analytical Method: SM 6210							
Chloromethane	ND	ug/L	1.0	1		10/06/08 00:25	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		10/06/08 00:25	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		10/06/08 00:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		10/06/08 00:25	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		10/06/08 00:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/06/08 00:25	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		10/06/08 00:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 00:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 00:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 00:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		10/06/08 00:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	1		10/06/08 00:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		10/06/08 00:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		10/06/08 00:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/06/08 00:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/06/08 00:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		10/06/08 00:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		10/06/08 00:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		10/06/08 00:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		10/06/08 00:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/06/08 00:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/06/08 00:25	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		10/06/08 00:25	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/06/08 00:25	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/06/08 00:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		10/06/08 00:25	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/06/08 00:25	75-09-2	
Methyl-tert-butyl ether	**1.4**	ug/L	0.50	1		10/06/08 00:25	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		10/06/08 00:25	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	103-65-1	
Styrene	ND	ug/L	0.50	1		10/06/08 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/06/08 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/06/08 00:25	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	1		10/06/08 00:25	127-18-4	
Toluene	ND	ug/L	0.50	1		10/06/08 00:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		10/06/08 00:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		10/06/08 00:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/06/08 00:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/06/08 00:25	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		10/06/08 00:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/08 00:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		10/06/08 00:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/06/08 00:25	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		10/06/08 00:25	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		10/06/08 00:25	1330-20-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-1 **Lab ID: 9229273001** Collected: 10/02/08 11:00 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6210 MSV	Analytical Method: SM 6210							
o-Xylene	ND	ug/L	0.50	1		10/06/08 00:25	95-47-6	
1,2-Dichloroethane-d4 (S)	107	%	60-140	1		10/06/08 00:25	17060-07-0	
Dibromofluoromethane (S)	102	%	60-140	1		10/06/08 00:25	1868-53-7	
4-Bromofluorobenzene (S)	97	%	60-140	1		10/06/08 00:25	460-00-4	
Toluene-d8 (S)	102	%	60-140	1		10/06/08 00:25	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-4 **Lab ID: 9229273002** Collected: 10/02/08 11:15 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	ug/L	118	1	10/04/08 00:00	10/07/08 18:41		
Aliphatic (C19-C36)	ND	ug/L	118	1	10/04/08 00:00	10/07/08 18:41		
Aromatic (C11-C22)	ND	ug/L	118	1	10/04/08 00:00	10/07/08 18:41		
Nonatriacontane (S)	66	%	40-140	1	10/04/08 00:00	10/07/08 18:41	7194-86-7	
o-Terphenyl (S)	80	%	40-140	1	10/04/08 00:00	10/07/08 18:41	84-15-1	
2-Fluorobiphenyl (S)	105	%	40-140	1	10/04/08 00:00	10/07/08 18:41	321-60-8	
2-Bromonaphthalene (S)	107	%	40-140	1	10/04/08 00:00	10/07/08 18:41	580-13-2	
VPH NC Water	Analytical Method: MADEP VPH							
Aliphatic (C05-C08)	ND	ug/L	100	1		10/09/08 05:26		
Aliphatic (C09-C12)	ND	ug/L	100	1		10/09/08 05:26		
Aromatic (C09-C10)	ND	ug/L	100	1		10/09/08 05:26		
2,5-Dibromotoluene (PID)(S)	92	%	70-130	1		10/09/08 05:26		
2,5-Dibromotoluene (FID)(S)	97	%	70-130	1		10/09/08 05:26		
6010 MET ICP, 3030C	Analytical Method: EPA 6010 Preparation Method: SM 3030C							
Chromium	**67.5**	ug/L	5.0	1	10/04/08 09:50	10/07/08 04:46	7440-47-3	
Lead	**17.0**	ug/L	5.0	1	10/04/08 09:50	10/07/08 04:46	7439-92-1	
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
Acenaphthene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	83-32-9	
Acenaphthylene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	208-96-8	
Anthracene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	56-55-3	
Benzo(a)pyrene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	207-08-9	
4-Bromophenylphenyl ether	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	101-55-3	
Butylbenzylphthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	59-50-7	
bis(2-Chloroethoxy)methane	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	108-60-1	
2-Chloronaphthalene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	91-58-7	
2-Chlorophenol	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	7005-72-3	
Chrysene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	53-70-3	
3,3'-Dichlorobenzidine	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	91-94-1	
2,4-Dichlorophenol	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	120-83-2	
Diethylphthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	105-67-9	
Dimethylphthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	131-11-3	
Di-n-butylphthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	23.5	1	10/07/08 00:00	10/09/08 03:50	534-52-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-4 **Lab ID: 9229273002** Collected: 10/02/08 11:15 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
625 MSSV	Analytical Method: EPA 625 Preparation Method: EPA 625							
2,4-Dinitrophenol	ND	ug/L	58.8	1	10/07/08 00:00	10/09/08 03:50	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	606-20-2	
Di-n-octylphthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	117-81-7	
Fluoranthene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	206-44-0	
Fluorene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	87-68-3	
Hexachlorobenzene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	77-47-4	
Hexachloroethane	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	193-39-5	
Isophorone	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	78-59-1	
Naphthalene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	91-20-3	
Nitrobenzene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	98-95-3	
2-Nitrophenol	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	88-75-5	
4-Nitrophenol	ND	ug/L	58.8	1	10/07/08 00:00	10/09/08 03:50	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	86-30-6	
Pentachlorophenol	ND	ug/L	29.4	1	10/07/08 00:00	10/09/08 03:50	87-86-5	
Phenanthrene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	85-01-8	
Phenol	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	108-95-2	
Pyrene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	5.9	1	10/07/08 00:00	10/09/08 03:50	120-82-1	
2,4,6-Trichlorophenol	ND	ug/L	11.8	1	10/07/08 00:00	10/09/08 03:50	88-06-2	
Nitrobenzene-d5 (S)	78	%	10-120	1	10/07/08 00:00	10/09/08 03:50	4165-60-0	
2-Fluorobiphenyl (S)	84	%	15-120	1	10/07/08 00:00	10/09/08 03:50	321-60-8	
Terphenyl-d14 (S)	93	%	11-131	1	10/07/08 00:00	10/09/08 03:50	1718-51-0	
Phenol-d6 (S)	30	%	10-120	1	10/07/08 00:00	10/09/08 03:50	13127-88-3	
2-Fluorophenol (S)	47	%	10-120	1	10/07/08 00:00	10/09/08 03:50	367-12-4	
2,4,6-Tribromophenol (S)	72	%	10-137	1	10/07/08 00:00	10/09/08 03:50	118-79-6	
6210 MSV	Analytical Method: SM 6210							
Benzene	ND	ug/L	0.50	1		10/06/08 14:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	1		10/06/08 14:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	1		10/06/08 14:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	1		10/06/08 14:26	75-27-4	
Bromoform	ND	ug/L	0.50	1		10/06/08 14:26	75-25-2	
Bromomethane	ND	ug/L	1.0	1		10/06/08 14:26	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	1		10/06/08 14:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	1		10/06/08 14:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/08 14:26	75-00-3	
Chloroform	ND	ug/L	0.50	1		10/06/08 14:26	67-66-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-4 **Lab ID: 9229273002** Collected: 10/02/08 11:15 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6210 MSV	Analytical Method: SM 6210							
Chloromethane	ND	ug/L	1.0	1		10/06/08 14:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	1		10/06/08 14:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	1		10/06/08 14:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	1		10/06/08 14:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	1		10/06/08 14:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	1		10/06/08 14:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	1		10/06/08 14:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 14:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 14:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	1		10/06/08 14:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	1		10/06/08 14:26	75-71-8	
1,1-Dichloroethane	**0.54**	ug/L	0.50	1		10/06/08 14:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	1		10/06/08 14:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	1		10/06/08 14:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	1		10/06/08 14:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	1		10/06/08 14:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	1		10/06/08 14:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	1		10/06/08 14:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	1		10/06/08 14:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	1		10/06/08 14:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	1		10/06/08 14:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	1		10/06/08 14:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	1		10/06/08 14:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1		10/06/08 14:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	1		10/06/08 14:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	0.50	1		10/06/08 14:26	99-87-6	
Methylene Chloride	ND	ug/L	2.0	1		10/06/08 14:26	75-09-2	
Methyl-tert-butyl ether	**6.9**	ug/L	0.50	1		10/06/08 14:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	1		10/06/08 14:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	103-65-1	
Styrene	ND	ug/L	0.50	1		10/06/08 14:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	1		10/06/08 14:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	1		10/06/08 14:26	79-34-5	
Tetrachloroethene	**0.75**	ug/L	0.50	1		10/06/08 14:26	127-18-4	
Toluene	ND	ug/L	0.50	1		10/06/08 14:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		10/06/08 14:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		10/06/08 14:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	1		10/06/08 14:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	1		10/06/08 14:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	1		10/06/08 14:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/08 14:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	1		10/06/08 14:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	1		10/06/08 14:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	1		10/06/08 14:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	1		10/06/08 14:26	1330-20-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 186708
Pace Project No.: 9229273

Sample: MW-4 **Lab ID: 9229273002** Collected: 10/02/08 11:15 Received: 10/03/08 14:07 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6210 MSV	Analytical Method: SM 6210							
o-Xylene	ND	ug/L	0.50	1		10/06/08 14:26	95-47-6	
1,2-Dichloroethane-d4 (S)	104	%	60-140	1		10/06/08 14:26	17060-07-0	
Dibromofluoromethane (S)	101	%	60-140	1		10/06/08 14:26	1868-53-7	
4-Bromofluorobenzene (S)	95	%	60-140	1		10/06/08 14:26	460-00-4	
Toluene-d8 (S)	102	%	60-140	1		10/06/08 14:26	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: MPRP/3119
QC Batch Method: SM 3030C
Analysis Method: EPA 6010
Analysis Description: 6010 MET 3030C
Associated Lab Samples: 9229273001, 9229273002

METHOD BLANK: 178151
Matrix: Water
Associated Lab Samples: 9229273001, 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium	ug/L	ND	5.0	10/07/08 04:28	
Lead	ug/L	ND	5.0	10/07/08 04:28	

LABORATORY CONTROL SAMPLE: 178152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	ug/L	500	448	90	80-120	
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 178153 178154

Parameter	Units	9229273001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chromium	ug/L	7.2	500	500	415	442	82	87	75-125	6	
Lead	ug/L	ND	500	500	437	459	87	91	75-125	5	

SAMPLE DUPLICATE: 178155

Parameter	Units	9229273002 Result	Dup Result	RPD	Qualifiers
Chromium	ug/L	67.5	60.7	11	
Lead	ug/L	17.0	17.8	5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: OEXT/4595 — Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH — Analysis Description: MADEP EPH NC Water
Associated Lab Samples: 9229273001, 9229273002

METHOD BLANK: 178189 — Matrix: Water
Associated Lab Samples: 9229273001, 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	10/07/08 11:29	
Aliphatic (C19-C36)	ug/L	ND	100	10/07/08 11:29	
Aromatic (C11-C22)	ug/L	ND	100	10/07/08 11:29	
2-Bromonaphthalene (S)	%	89	40-140	10/07/08 11:29	
2-Fluorobiphenyl (S)	%	91	40-140	10/07/08 11:29	
Nonatriacontane (S)	%	80	40-140	10/07/08 11:29	
o-Terphenyl (S)	%	81	40-140	10/07/08 11:29	

LABORATORY CONTROL SAMPLE & LCSD: 178190 178191

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	133	126	44	42	40-140	6	50	
Aliphatic (C19-C36)	ug/L	400	276	215	69	54	40-140	25	50	
Aromatic (C11-C22)	ug/L	850	732	765	86	90	40-140	4	50	
2-Bromonaphthalene (S)	%				91	105	40-140			
2-Fluorobiphenyl (S)	%				94	102	40-140			
Nonatriacontane (S)	%				83	65	40-140			
o-Terphenyl (S)	%				83	85	40-140			

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: MSV/4833
QC Batch Method: SM 6210
Analysis Method: SM 6210
Analysis Description: 6210 MSV
Associated Lab Samples: 9229273001

METHOD BLANK: 178228
Matrix: Water
Associated Lab Samples: 9229273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,1,1-Trichloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,1,2-Trichloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,1-Dichloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,1-Dichloroethene	ug/L	ND	0.50	10/05/08 16:07	
1,1-Dichloropropene	ug/L	ND	0.50	10/05/08 16:07	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	10/05/08 16:07	
1,2,3-Trichloropropane	ug/L	ND	0.50	10/05/08 16:07	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	10/05/08 16:07	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	10/05/08 16:07	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	10/05/08 16:07	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	10/05/08 16:07	
1,2-Dichlorobenzene	ug/L	ND	0.50	10/05/08 16:07	
1,2-Dichloroethane	ug/L	ND	0.50	10/05/08 16:07	
1,2-Dichloropropane	ug/L	ND	0.50	10/05/08 16:07	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	10/05/08 16:07	
1,3-Dichlorobenzene	ug/L	ND	0.50	10/05/08 16:07	
1,3-Dichloropropane	ug/L	ND	0.50	10/05/08 16:07	
1,4-Dichlorobenzene	ug/L	ND	0.50	10/05/08 16:07	
2,2-Dichloropropane	ug/L	ND	0.50	10/05/08 16:07	
2-Chlorotoluene	ug/L	ND	0.50	10/05/08 16:07	
4-Chlorotoluene	ug/L	ND	0.50	10/05/08 16:07	
Benzene	ug/L	ND	0.50	10/05/08 16:07	
Bromobenzene	ug/L	ND	0.50	10/05/08 16:07	
Bromochloromethane	ug/L	ND	0.50	10/05/08 16:07	
Bromodichloromethane	ug/L	ND	0.50	10/05/08 16:07	
Bromoform	ug/L	ND	0.50	10/05/08 16:07	
Bromomethane	ug/L	ND	1.0	10/05/08 16:07	
Carbon tetrachloride	ug/L	ND	0.50	10/05/08 16:07	
Chlorobenzene	ug/L	ND	0.50	10/05/08 16:07	
Chloroethane	ug/L	ND	1.0	10/05/08 16:07	
Chloroform	ug/L	ND	0.50	10/05/08 16:07	
Chloromethane	ug/L	ND	1.0	10/05/08 16:07	
cis-1,2-Dichloroethene	ug/L	ND	0.50	10/05/08 16:07	
cis-1,3-Dichloropropene	ug/L	ND	0.50	10/05/08 16:07	
Dibromochloromethane	ug/L	ND	0.50	10/05/08 16:07	
Dibromomethane	ug/L	ND	0.50	10/05/08 16:07	
Dichlorodifluoromethane	ug/L	ND	0.50	10/05/08 16:07	
Diisopropyl ether	ug/L	ND	0.50	10/05/08 16:07	
Ethylbenzene	ug/L	ND	0.50	10/05/08 16:07	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	10/05/08 16:07	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	10/05/08 16:07	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

METHOD BLANK: 178228 Matrix: Water

Associated Lab Samples: 9229273001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	ND	1.0	10/05/08 16:07	
Methyl-tert-butyl ether	ug/L	ND	0.50	10/05/08 16:07	
Methylene Chloride	ug/L	ND	2.0	10/05/08 16:07	
n-Butylbenzene	ug/L	ND	0.50	10/05/08 16:07	
n-Propylbenzene	ug/L	ND	0.50	10/05/08 16:07	
Naphthalene	ug/L	ND	2.0	10/05/08 16:07	
o-Xylene	ug/L	ND	0.50	10/05/08 16:07	
p-Isopropyltoluene	ug/L	ND	0.50	10/05/08 16:07	
sec-Butylbenzene	ug/L	ND	0.50	10/05/08 16:07	
Styrene	ug/L	ND	0.50	10/05/08 16:07	
tert-Butylbenzene	ug/L	ND	0.50	10/05/08 16:07	
Tetrachloroethene	ug/L	ND	0.50	10/05/08 16:07	
Toluene	ug/L	ND	0.50	10/05/08 16:07	
trans-1,2-Dichloroethene	ug/L	ND	0.50	10/05/08 16:07	
trans-1,3-Dichloropropene	ug/L	ND	0.50	10/05/08 16:07	
Trichloroethene	ug/L	ND	0.50	10/05/08 16:07	
Trichlorofluoromethane	ug/L	ND	1.0	10/05/08 16:07	
Vinyl chloride	ug/L	ND	1.0	10/05/08 16:07	
1,2-Dichloroethane-d4 (S)	%	104	60-140	10/05/08 16:07	
4-Bromofluorobenzene (S)	%	93	60-140	10/05/08 16:07	
Dibromofluoromethane (S)	%	101	60-140	10/05/08 16:07	
Toluene-d8 (S)	%	102	60-140	10/05/08 16:07	

LABORATORY CONTROL SAMPLE & LCSD: 178229 178230

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	8.8	9.0	88	90	60-140	3	30	
1,1,1-Trichloroethane	ug/L	10	9.7	9.3	97	93	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	10	9.1	9.2	91	92	60-140	2	30	
1,1,2-Trichloroethane	ug/L	10	9.5	9.4	95	94	60-140	1	30	
1,1-Dichloroethane	ug/L	10	10	9.8	100	98	60-140	2	30	
1,1-Dichloroethene	ug/L	10	10.5	10.3	105	103	60-140	2	30	
1,1-Dichloropropene	ug/L	10	9.9	9.7	99	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	10	13.8	12.7	138	127	60-140	8	30	
1,2,3-Trichloropropane	ug/L	10	9.1	9.1	91	91	60-140	.6	30	
1,2,4-Trichlorobenzene	ug/L	10	11.5	11.0	115	110	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	10	9.9	10	99	100	60-140	.6	30	
1,2-Dibromo-3-chloropropane	ug/L	10	10.9	11.0	109	110	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	10	9.2	9.2	92	92	60-140	.002	30	
1,2-Dichlorobenzene	ug/L	10	10.1	9.9	101	99	60-140	2	30	
1,2-Dichloroethane	ug/L	10	9.7	9.6	97	96	60-140	1	30	
1,2-Dichloropropane	ug/L	10	9.8	9.8	98	98	60-140	.05	30	
1,3,5-Trimethylbenzene	ug/L	10	9.9	9.8	99	98	60-140	.8	30	
1,3-Dichlorobenzene	ug/L	10	9.8	9.7	98	97	60-140	2	30	
1,3-Dichloropropane	ug/L	10	9.6	9.5	96	95	60-140	.6	30	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

LABORATORY CONTROL SAMPLE & LCSD: 178229 178230

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	10	9.8	9.6	98	96	60-140	2	30	
2,2-Dichloropropane	ug/L	10	9.3	9.1	93	91	60-140	2	30	
2-Chlorotoluene	ug/L	10	10.0	9.8	100	98	60-140	2	30	
4-Chlorotoluene	ug/L	10	10.2	10.1	102	101	60-140	1	30	
Benzene	ug/L	10	9.8	9.6	98	96	60-140	1	30	
Bromobenzene	ug/L	10	9.7	9.6	97	96	60-140	.7	30	
Bromochloromethane	ug/L	10	9.6	9.7	96	97	60-140	1	30	
Bromodichloromethane	ug/L	10	9.2	9.0	92	90	60-140	3	30	
Bromoform	ug/L	10	9.2	9.3	92	93	60-140	1	30	
Bromomethane	ug/L	10	9.8	9.7	98	97	60-140	1	30	
Carbon tetrachloride	ug/L	10	9.4	9.1	94	91	60-140	4	30	
Chlorobenzene	ug/L	10	9.4	9.6	94	96	60-140	2	30	
Chloroethane	ug/L	10	10.9	10.6	109	106	60-140	3	30	
Chloroform	ug/L	10	9.7	9.8	97	98	60-140	.8	30	
Chloromethane	ug/L	10	9.0	9.2	90	92	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	10	10.2	10.1	102	101	60-140	.7	30	
cis-1,3-Dichloropropene	ug/L	10	9.7	9.7	97	97	60-140	.02	30	
Dibromochloromethane	ug/L	10	8.8	8.7	88	87	60-140	.03	30	
Dibromomethane	ug/L	10	9.6	9.6	96	96	60-140	.06	30	
Dichlorodifluoromethane	ug/L	10	10.6	10.1	106	101	60-140	5	30	
Diisopropyl ether	ug/L	10	10	9.9	100	99	60-140	1	30	
Ethylbenzene	ug/L	10	9.5	9.5	95	95	60-140	.02	30	
Hexachloro-1,3-butadiene	ug/L	10	12.1	10.6	121	106	60-140	14	30	
Isopropylbenzene (Cumene)	ug/L	10	9.5	9.4	95	94	60-140	1	30	
m&p-Xylene	ug/L	20	18.9	19.0	95	95	60-140	.1	30	
Methyl-tert-butyl ether	ug/L	10	9.9	10	99	100	60-140	.5	30	
Methylene Chloride	ug/L	10	9.0	9.0	90	90	60-140	.1	30	
n-Butylbenzene	ug/L	10	10	9.8	100	98	60-140	1	30	
n-Propylbenzene	ug/L	10	9.8	9.8	98	98	60-140	.2	30	
Naphthalene	ug/L	10	12.5	12.0	125	120	60-140	4	30	
o-Xylene	ug/L	10	9.4	9.5	94	95	60-140	.9	30	
p-Isopropyltoluene	ug/L	10	10.1	9.7	101	97	60-140	3	30	
sec-Butylbenzene	ug/L	10	9.9	9.9	99	99	60-140	.3	30	
Styrene	ug/L	10	9.9	9.9	99	99	60-140	.1	30	
tert-Butylbenzene	ug/L	10	10	9.9	100	99	60-140	.8	30	
Tetrachloroethene	ug/L	10	7.8	7.7	78	77	60-140	.6	30	
Toluene	ug/L	10	9.4	9.3	94	93	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	10	10	9.7	100	97	60-140	3	30	
trans-1,3-Dichloropropene	ug/L	10	9.5	9.5	95	95	60-140	.5	30	
Trichloroethene	ug/L	10	8.8	8.8	88	88	60-140	.7	30	
Trichlorofluoromethane	ug/L	10	10.7	10.4	107	104	60-140	3	30	
Vinyl chloride	ug/L	10	9.6	10.2	96	102	60-140	5	30	
1,2-Dichloroethane-d4 (S)	%				100	100	60-140			
4-Bromofluorobenzene (S)	%				97	100	60-140			
Dibromofluoromethane (S)	%				100	99	60-140			
Toluene-d8 (S)	%				101	101	60-140			

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: MSV/4835
QC Batch Method: SM 6210
Analysis Method: SM 6210
Analysis Description: 6210 MSV
Associated Lab Samples: 9229273002

METHOD BLANK: 178274
Matrix: Water
Associated Lab Samples: 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,1,1-Trichloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,1,2-Trichloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,1-Dichloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,1-Dichloroethene	ug/L	ND	0.50	10/06/08 12:03	
1,1-Dichloropropene	ug/L	ND	0.50	10/06/08 12:03	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	10/06/08 12:03	
1,2,3-Trichloropropane	ug/L	ND	0.50	10/06/08 12:03	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	10/06/08 12:03	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	10/06/08 12:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	10/06/08 12:03	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	10/06/08 12:03	
1,2-Dichlorobenzene	ug/L	ND	0.50	10/06/08 12:03	
1,2-Dichloroethane	ug/L	ND	0.50	10/06/08 12:03	
1,2-Dichloropropane	ug/L	ND	0.50	10/06/08 12:03	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	10/06/08 12:03	
1,3-Dichlorobenzene	ug/L	ND	0.50	10/06/08 12:03	
1,3-Dichloropropane	ug/L	ND	0.50	10/06/08 12:03	
1,4-Dichlorobenzene	ug/L	ND	0.50	10/06/08 12:03	
2,2-Dichloropropane	ug/L	ND	0.50	10/06/08 12:03	
2-Chlorotoluene	ug/L	ND	0.50	10/06/08 12:03	
4-Chlorotoluene	ug/L	ND	0.50	10/06/08 12:03	
Benzene	ug/L	ND	0.50	10/06/08 12:03	
Bromobenzene	ug/L	ND	0.50	10/06/08 12:03	
Bromochloromethane	ug/L	ND	0.50	10/06/08 12:03	
Bromodichloromethane	ug/L	ND	0.50	10/06/08 12:03	
Bromoform	ug/L	ND	0.50	10/06/08 12:03	
Bromomethane	ug/L	ND	1.0	10/06/08 12:03	
Carbon tetrachloride	ug/L	ND	0.50	10/06/08 12:03	
Chlorobenzene	ug/L	ND	0.50	10/06/08 12:03	
Chloroethane	ug/L	ND	1.0	10/06/08 12:03	
Chloroform	ug/L	ND	0.50	10/06/08 12:03	
Chloromethane	ug/L	ND	1.0	10/06/08 12:03	
cis-1,2-Dichloroethene	ug/L	ND	0.50	10/06/08 12:03	
cis-1,3-Dichloropropene	ug/L	ND	0.50	10/06/08 12:03	
Dibromochloromethane	ug/L	ND	0.50	10/06/08 12:03	
Dibromomethane	ug/L	ND	0.50	10/06/08 12:03	
Dichlorodifluoromethane	ug/L	ND	0.50	10/06/08 12:03	
Diisopropyl ether	ug/L	ND	0.50	10/06/08 12:03	
Ethylbenzene	ug/L	ND	0.50	10/06/08 12:03	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	10/06/08 12:03	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	10/06/08 12:03	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

METHOD BLANK: 178274 Matrix: Water

Associated Lab Samples: 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/L	ND	1.0	10/06/08 12:03	
Methyl-tert-butyl ether	ug/L	ND	0.50	10/06/08 12:03	
Methylene Chloride	ug/L	ND	2.0	10/06/08 12:03	
n-Butylbenzene	ug/L	ND	0.50	10/06/08 12:03	
n-Propylbenzene	ug/L	ND	0.50	10/06/08 12:03	
Naphthalene	ug/L	ND	2.0	10/06/08 12:03	
o-Xylene	ug/L	ND	0.50	10/06/08 12:03	
p-Isopropyltoluene	ug/L	ND	0.50	10/06/08 12:03	
sec-Butylbenzene	ug/L	ND	0.50	10/06/08 12:03	
Styrene	ug/L	ND	0.50	10/06/08 12:03	
tert-Butylbenzene	ug/L	ND	0.50	10/06/08 12:03	
Tetrachloroethene	ug/L	ND	0.50	10/06/08 12:03	
Toluene	ug/L	ND	0.50	10/06/08 12:03	
trans-1,2-Dichloroethene	ug/L	ND	0.50	10/06/08 12:03	
trans-1,3-Dichloropropene	ug/L	ND	0.50	10/06/08 12:03	
Trichloroethene	ug/L	ND	0.50	10/06/08 12:03	
Trichlorofluoromethane	ug/L	ND	1.0	10/06/08 12:03	
Vinyl chloride	ug/L	ND	1.0	10/06/08 12:03	
1,2-Dichloroethane-d4 (S)	%	105	60-140	10/06/08 12:03	
4-Bromofluorobenzene (S)	%	94	60-140	10/06/08 12:03	
Dibromofluoromethane (S)	%	98	60-140	10/06/08 12:03	
Toluene-d8 (S)	%	103	60-140	10/06/08 12:03	

LABORATORY CONTROL SAMPLE & LCSD: 178275 178276

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	10	8.6	8.5	86	85	60-140	1	30	
1,1,1-Trichloroethane	ug/L	10	9.4	9.3	94	93	60-140	.5	30	
1,1,2,2-Tetrachloroethane	ug/L	10	8.3	8.1	83	81	60-140	2	30	
1,1,2-Trichloroethane	ug/L	10	8.9	9.1	89	91	60-140	2	30	
1,1-Dichloroethane	ug/L	10	10.2	10.2	102	102	60-140	.5	30	
1,1-Dichloroethene	ug/L	10	10.8	10.7	108	107	60-140	.3	30	
1,1-Dichloropropene	ug/L	10	9.9	9.7	99	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	10	10.7	9.4	107	94	60-140	13	30	
1,2,3-Trichloropropane	ug/L	10	8.6	8.4	86	84	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	10	9.4	9.3	94	93	60-140	1	30	
1,2,4-Trimethylbenzene	ug/L	10	9.7	9.8	97	98	60-140	.6	30	
1,2-Dibromo-3-chloropropane	ug/L	10	9.5	9.1	95	91	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	10	8.4	8.4	84	84	60-140	.5	30	
1,2-Dichlorobenzene	ug/L	10	9.3	9.2	93	92	60-140	.8	30	
1,2-Dichloroethane	ug/L	10	9.5	9.7	95	97	60-140	2	30	
1,2-Dichloropropane	ug/L	10	9.9	9.9	99	99	60-140	.4	30	
1,3,5-Trimethylbenzene	ug/L	10	9.7	9.6	97	96	60-140	.3	30	
1,3-Dichlorobenzene	ug/L	10	9.2	9.3	92	93	60-140	.4	30	
1,3-Dichloropropane	ug/L	10	9.1	8.9	91	89	60-140	2	30	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

LABORATORY CONTROL SAMPLE & LCSD: 178275 178276

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	10	9.7	9.4	97	94	60-140	2	30	
2,2-Dichloropropane	ug/L	10	9.9	9.8	99	98	60-140	.7	30	
2-Chlorotoluene	ug/L	10	9.7	9.4	97	94	60-140	3	30	
4-Chlorotoluene	ug/L	10	9.8	9.8	98	98	60-140	.5	30	
Benzene	ug/L	10	9.8	9.5	98	95	60-140	3	30	
Bromobenzene	ug/L	10	9.4	9.5	94	95	60-140	.5	30	
Bromochloromethane	ug/L	10	9.9	9.8	99	98	60-140	1	30	
Bromodichloromethane	ug/L	10	9.1	8.9	91	89	60-140	2	30	
Bromoform	ug/L	10	8.4	8.3	84	83	60-140	2	30	
Bromomethane	ug/L	10	12.5	12.6	125	126	60-140	1	30	
Carbon tetrachloride	ug/L	10	9.1	8.9	91	89	60-140	2	30	
Chlorobenzene	ug/L	10	9.1	9.1	91	91	60-140	.6	30	
Chloroethane	ug/L	10	12.0	11.4	120	114	60-140	5	30	
Chloroform	ug/L	10	10	10.0	100	100	60-140	.3	30	
Chloromethane	ug/L	10	10.9	10.1	109	101	60-140	8	30	
cis-1,2-Dichloroethene	ug/L	10	10.7	10.7	107	107	60-140	.1	30	
cis-1,3-Dichloropropene	ug/L	10	9.5	9.6	95	96	60-140	1	30	
Dibromochloromethane	ug/L	10	8.2	8.2	82	82	60-140	1	30	
Dibromomethane	ug/L	10	9.0	8.9	90	89	60-140	1	30	
Dichlorodifluoromethane	ug/L	10	10.8	10.2	108	102	60-140	5	30	
Diisopropyl ether	ug/L	10	10.9	10.8	109	108	60-140	.09	30	
Ethylbenzene	ug/L	10	9.1	9.2	91	92	60-140	.7	30	
Hexachloro-1,3-butadiene	ug/L	10	10.0	9.4	100	94	60-140	6	30	
Isopropylbenzene (Cumene)	ug/L	10	9.2	9.2	92	92	60-140	.1	30	
m&p-Xylene	ug/L	20	18.6	18.5	93	93	60-140	.3	30	
Methyl-tert-butyl ether	ug/L	10	9.9	9.9	99	99	60-140	.1	30	
Methylene Chloride	ug/L	10	10.0	10.1	100	101	60-140	.8	30	
n-Butylbenzene	ug/L	10	10.1	9.9	101	99	60-140	1	30	
n-Propylbenzene	ug/L	10	9.7	9.7	97	97	60-140	.3	30	
Naphthalene	ug/L	10	9.7	8.9	97	89	60-140	8	30	
o-Xylene	ug/L	10	9.1	9.1	91	91	60-140	.5	30	
p-Isopropyltoluene	ug/L	10	9.9	9.8	99	98	60-140	.8	30	
sec-Butylbenzene	ug/L	10	9.8	9.6	98	96	60-140	2	30	
Styrene	ug/L	10	9.5	9.5	95	95	60-140	.4	30	
tert-Butylbenzene	ug/L	10	9.7	9.6	97	96	60-140	1	30	
Tetrachloroethene	ug/L	10	7.0	6.9	70	69	60-140	2	30	
Toluene	ug/L	10	9.4	9.4	94	94	60-140	.4	30	
trans-1,2-Dichloroethene	ug/L	10	9.8	9.7	98	97	60-140	.7	30	
trans-1,3-Dichloropropene	ug/L	10	9.6	9.4	96	94	60-140	2	30	
Trichloroethene	ug/L	10	8.6	8.3	86	83	60-140	3	30	
Trichlorofluoromethane	ug/L	10	10.5	10.4	105	104	60-140	1	30	
Vinyl chloride	ug/L	10	10.8	10.0	108	100	60-140	8	30	
1,2-Dichloroethane-d4 (S)	%				106	108	60-140			
4-Bromofluorobenzene (S)	%				94	95	60-140			
Dibromofluoromethane (S)	%				102	103	60-140			
Toluene-d8 (S)	%				103	103	60-140			

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: OEXT/4610 | Analysis Method: EPA 625
QC Batch Method: EPA 625 | Analysis Description: 625 MSS
Associated Lab Samples: 9229273001, 9229273002

METHOD BLANK: 178626 | Matrix: Water
Associated Lab Samples: 9229273001, 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	5.0	10/08/08 15:59	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/08/08 15:59	
2,4-Dichlorophenol	ug/L	ND	5.0	10/08/08 15:59	
2,4-Dimethylphenol	ug/L	ND	10.0	10/08/08 15:59	
2,4-Dinitrophenol	ug/L	ND	50.0	10/08/08 15:59	
2,4-Dinitrotoluene	ug/L	ND	5.0	10/08/08 15:59	
2,6-Dinitrotoluene	ug/L	ND	5.0	10/08/08 15:59	
2-Chloronaphthalene	ug/L	ND	5.0	10/08/08 15:59	
2-Chlorophenol	ug/L	ND	5.0	10/08/08 15:59	
2-Nitrophenol	ug/L	ND	5.0	10/08/08 15:59	
3,3'-Dichlorobenzidine	ug/L	ND	5.0	10/08/08 15:59	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	10/08/08 15:59	
4-Bromophenylphenyl ether	ug/L	ND	5.0	10/08/08 15:59	
4-Chloro-3-methylphenol	ug/L	ND	5.0	10/08/08 15:59	
4-Chlorophenylphenyl ether	ug/L	ND	5.0	10/08/08 15:59	
4-Nitrophenol	ug/L	ND	50.0	10/08/08 15:59	
Acenaphthene	ug/L	ND	5.0	10/08/08 15:59	
Acenaphthylene	ug/L	ND	5.0	10/08/08 15:59	
Anthracene	ug/L	ND	5.0	10/08/08 15:59	
Benzo(a)anthracene	ug/L	ND	5.0	10/08/08 15:59	
Benzo(a)pyrene	ug/L	ND	5.0	10/08/08 15:59	
Benzo(b)fluoranthene	ug/L	ND	5.0	10/08/08 15:59	
Benzo(g,h,i)perylene	ug/L	ND	5.0	10/08/08 15:59	
Benzo(k)fluoranthene	ug/L	ND	5.0	10/08/08 15:59	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/08/08 15:59	
bis(2-Chloroethyl) ether	ug/L	ND	5.0	10/08/08 15:59	
bis(2-Chloroisopropyl) ether	ug/L	ND	5.0	10/08/08 15:59	
bis(2-Ethylhexyl)phthalate	ug/L	ND	5.0	10/08/08 15:59	
Butylbenzylphthalate	ug/L	ND	5.0	10/08/08 15:59	
Chrysene	ug/L	ND	5.0	10/08/08 15:59	
Di-n-butylphthalate	ug/L	ND	5.0	10/08/08 15:59	
Di-n-octylphthalate	ug/L	ND	5.0	10/08/08 15:59	
Dibenz(a,h)anthracene	ug/L	ND	5.0	10/08/08 15:59	
Diethylphthalate	ug/L	ND	5.0	10/08/08 15:59	
Dimethylphthalate	ug/L	ND	5.0	10/08/08 15:59	
Fluoranthene	ug/L	ND	5.0	10/08/08 15:59	
Fluorene	ug/L	ND	5.0	10/08/08 15:59	
Hexachloro-1,3-butadiene	ug/L	ND	5.0	10/08/08 15:59	
Hexachlorobenzene	ug/L	ND	5.0	10/08/08 15:59	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/08/08 15:59	
Hexachloroethane	ug/L	ND	5.0	10/08/08 15:59	
Indeno(1,2,3-cd)pyrene	ug/L	ND	5.0	10/08/08 15:59	
Isophorone	ug/L	ND	10.0	10/08/08 15:59	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

METHOD BLANK: 178626 Matrix: Water

Associated Lab Samples: 9229273001, 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitroso-di-n-propylamine	ug/L	ND	5.0	10/08/08 15:59	
N-Nitrosodimethylamine	ug/L	ND	5.0	10/08/08 15:59	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/08/08 15:59	
Naphthalene	ug/L	ND	5.0	10/08/08 15:59	
Nitrobenzene	ug/L	ND	5.0	10/08/08 15:59	
Pentachlorophenol	ug/L	ND	25.0	10/08/08 15:59	
Phenanthrene	ug/L	ND	5.0	10/08/08 15:59	
Phenol	ug/L	ND	5.0	10/08/08 15:59	
Pyrene	ug/L	ND	5.0	10/08/08 15:59	
2,4,6-Tribromophenol (S)	%	76	10-137	10/08/08 15:59	
2-Fluorobiphenyl (S)	%	79	15-120	10/08/08 15:59	
2-Fluorophenol (S)	%	41	10-120	10/08/08 15:59	
Nitrobenzene-d5 (S)	%	68	10-120	10/08/08 15:59	
Phenol-d6 (S)	%	25	10-120	10/08/08 15:59	
Terphenyl-d14 (S)	%	88	11-131	10/08/08 15:59	

LABORATORY CONTROL SAMPLE: 178627

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	22.4	45	44-142	
2,4,6-Trichlorophenol	ug/L	50	24.0	48	37-144	
2,4-Dichlorophenol	ug/L	50	23.8	48	1-191	
2,4-Dimethylphenol	ug/L	50	24.0	48	32-119	
2,4-Dinitrophenol	ug/L	50	33.5J	67	1-181	
2,4-Dinitrotoluene	ug/L	50	28.3	57	39-139	
2,6-Dinitrotoluene	ug/L	50	28.6	57	50-158	
2-Chloronaphthalene	ug/L	50	32.6	65	60-118	
2-Chlorophenol	ug/L	50	21.8	44	23-134	
2-Nitrophenol	ug/L	50	24.6	49	29-182	
3,3'-Dichlorobenzidine	ug/L	50	35.9	72	1-262	
4,6-Dinitro-2-methylphenol	ug/L	50	32.4	65	1-181	
4-Bromophenylphenyl ether	ug/L	50	28.5	57	53-127	
4-Chloro-3-methylphenol	ug/L	50	26.6	53	22-147	
4-Chlorophenylphenyl ether	ug/L	50	28.4	57	25-158	
4-Nitrophenol	ug/L	50	14.1J	28	1-132	
Acenaphthene	ug/L	50	26.1	52	47-145	
Acenaphthylene	ug/L	50	27.2	54	33-145	
Anthracene	ug/L	50	30.7	61	1-166	
Benzo(a)anthracene	ug/L	50	31.0	62	33-143	
Benzo(a)pyrene	ug/L	50	33.6	67	17-163	
Benzo(b)fluoranthene	ug/L	50	30.5	61	24-159	
Benzo(g,h,i)perylene	ug/L	50	25.0	50	1-219	
Benzo(k)fluoranthene	ug/L	50	46.4	93	11-162	
bis(2-Chloroethoxy)methane	ug/L	50	25.8	52	33-184	
bis(2-Chloroethyl) ether	ug/L	50	18.9	38	12-158	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

LABORATORY CONTROL SAMPLE: 178627

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
bis(2-Chloroisopropyl) ether	ug/L	50	20.4	41	36-166	
bis(2-Ethylhexyl)phthalate	ug/L	50	37.6	75	8-158	
Butylbenzylphthalate	ug/L	50	37.7	75	1-152	
Chrysene	ug/L	50	31.6	63	17-168	
Di-n-butylphthalate	ug/L	50	34.1	68	1-118	
Di-n-octylphthalate	ug/L	50	34.8	70	4-146	
Dibenz(a,h)anthracene	ug/L	50	24.2	48	1-227	
Diethylphthalate	ug/L	50	32.1	64	1-114	
Dimethylphthalate	ug/L	50	31.8	64	1-112	
Fluoranthene	ug/L	50	32.5	65	26-137	
Fluorene	ug/L	50	29.8	60	59-121	
Hexachloro-1,3-butadiene	ug/L	50	17.7	35	24-116	
Hexachlorobenzene	ug/L	50	22.9	46	1-152	
Hexachlorocyclopentadiene	ug/L	50	14.4	29	25-150	
Hexachloroethane	ug/L	50	22.6	45	40-113	
Indeno(1,2,3-cd)pyrene	ug/L	50	25.9	52	1-171	
Isophorone	ug/L	50	39.3	79	21-196	
N-Nitroso-di-n-propylamine	ug/L	50	24.1	48	1-230	
N-Nitrosodimethylamine	ug/L	50	17.0	34	25-150	
N-Nitrosodiphenylamine	ug/L	50	32.4	65	25-150	
Naphthalene	ug/L	50	22.2	44	21-133	
Nitrobenzene	ug/L	50	20.9	42	35-180	
Pentachlorophenol	ug/L	50	30.4	61	14-176	
Phenanthrene	ug/L	50	29.9	60	54-120	
Phenol	ug/L	50	11.4	23	5-112	
Pyrene	ug/L	50	32.4	65	52-115	
2,4,6-Tribromophenol (S)	%			53	10-137	
2-Fluorobiphenyl (S)	%			53	15-120	
2-Fluorophenol (S)	%			27	10-120	
Nitrobenzene-d5 (S)	%			48	10-120	
Phenol-d6 (S)	%			21	10-120	
Terphenyl-d14 (S)	%			68	11-131	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 186708
Pace Project No.: 9229273

QC Batch: GCV/2527 | Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH | Analysis Description: VPH NC Water
Associated Lab Samples: 9229273001, 9229273002

METHOD BLANK: 179807 | Matrix: Water
Associated Lab Samples: 9229273001, 9229273002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	10/08/08 19:35	
Aliphatic (C09-C12)	ug/L	ND	100	10/08/08 19:35	
Aromatic (C09-C10)	ug/L	ND	100	10/08/08 19:35	
2,5-Dibromotoluene (FID)(S)	%	109	70-130	10/08/08 19:35	
2,5-Dibromotoluene (PID)(S)	%	103	70-130	10/08/08 19:35	

LABORATORY CONTROL SAMPLE & LCSD: 179808 179809

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	314	103	105	70-130	1	25	
Aliphatic (C09-C12)	ug/L	300	283	235	94	78	30-130	19	25	
Aromatic (C09-C10)	ug/L	100	ND	ND	99	95	70-130		25	
2,5-Dibromotoluene (FID)(S)	%				103	104	70-130			
2,5-Dibromotoluene (PID)(S)	%				97	97	70-130			

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 186708
Pace Project No.: 9229273

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ACCREDITED IN ACCORDANCE WITH nelac

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Bensinger & Garrison03-OCT-2008 00:00 Client SDG: 9229273
Lab Smp Id: 9229273001
Client Smp ID: MW-1
Operator : BET
Sample Date: 02-OCT-2008
Sample Location:
Sample Point:
Sample Matrix: WATER
Date Received:03-OCT-2008 00:00
Analysis Type: SV
Level: LOW
Inj Date: 09-OCT-2008 03:30

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Bensinger & Garrison03-OCT-2008 00:00 Client SDG: 9229273
Lab Smp Id: 9229273002 Client Smp ID: MW-4
Operator : BET Sample Date: 02-OCT-2008
Sample Location: Sample Point:
Sample Matrix: WATER Date Received:03-OCT-2008 00:00
Analysis Type: SV Level: LOW
Inj Date: 09-OCT-2008 03:50

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1169075

Section A Required Client Information: (B+G)

Company: Bensinger + Garrison
Address: P.O. Box 14609
RTP, NC 27709
Email To: jack@bardgeenvironmental.com
Phone: 919-484-8586 Fax: 919-484-8540
Requested Due Date/TAT: Std.

Section B Required Project Information:

Report To: Jack Garrison
Copy To:
Purchase Order No.:
Project Name: 186708
Project Number: 186708

Section C Invoice Information:

Attention: Jack Garrison
Company Name: same
Address: "
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #: 1921-2

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: 624	8260	VPH	EPH	Lead+Chromium 3020	625 + 10 TICS	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1																									
2	MW 1	WT	G			10/2/08	11:30 am		11	2		1	8						X	X	X	X	X		001
3																									
4																									
5	MW 4	WT	G			10/2/08	11:15 am		11	2		1	8						X	X	X	X	X		002
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Total Pb + Cr	Ron Stitt / B+G	10-3-08	7:52	[signature]	10-3-08	7:52				
	[signature]	10-3-08	14:07	[signature]	10/3/08	14:07	3.0	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ross Stitt
SIGNATURE of SAMPLER: Ross Stitt
DATE Signed (MM/DD/YY): 10/2/08

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

APPENDIX 6:

STANDARD PROCEDURES

Standard Procedures

I. Groundwater Sampling

A. Groundwater sampling equipment (electric water level probe, pumps, etc.) are cleaned by using phosphate–free soapy water followed by a distilled water rinse then an isopropyl alcohol rinse followed by a triple distilled water rinse. Groundwater sampling pumps are disassembled prior to cleaning according to the manufacturer's instructions. All tubing is used only once and is discarded.

B. Bailers are disposable units stored in the original manufacturers wrapping and are not opened until used. Bailer string is not allowed to touch the ground surface and is stored in disposable plastic freezer or storage bags.

C. When a series of groundwater monitoring wells are sampled, the bailing is started in the wells known to be free of contaminants. The remaining wells are sampled in ascending order according to contaminant concentrations.

D. Prior to sampling, each well is uncapped to allow the water level to reach static equilibrium. The well is purged of at least three well volumes or until essentially dry. Bailers are used as surge blocks to aid in removal of fines from the filter pack.

E. Water samples are collected in laboratory–provided containers with the appropriate preservative without headspace. Samples are stored and transported on ice according to EPA SW–846 protocol to a USEPA Drinking Water Certified laboratory under chain–of–custody procedures. To prevent volatilization, sample containers are chilled on ice prior to sampling. A new pair of disposable medical gloves are worn each time a sample is collected.

F. Trip blanks are provided for each method of sampling.

II. Soil Sampling

A. Sampling equipment for soil (split spoon samples, stainless steel hand auger, etc.) is decontaminated prior to and after use by washing with phosphate–free soapy water followed by a distilled water rinse, then an isopropyl alcohol rinse, followed by a triple rinse using distilled water.

B. Soil samples are collected in laboratory–provided containers. Samples are stored and transported on ice according to EPA SW–846 protocol to a USEPA Drinking Water Certified laboratory under chain–of–custody procedures. A new pair of disposable medical gloves are worn each time a sample is collected.

III. Drilling

A. Drilling equipment is decontaminated using a steam cleaner or a high temperature pressure washer by the drilling contractor prior to and after use.

B. Cuttings are collected and screened with the OVA in the field and, if necessary, are stored for disposal.

WATER LEVELS

1. Take cap off well, allow well to vent.

2. Test the indicator by placing the bottom in water. The light should come on. Replace the battery if necessary. Attach water level indicator to surveyor's tape.

3. Unreel the tape slowly down the well and watch for the light to indicate the probe is in the water.

4. Pull the tape up about 2 inches.

5. Lower the tape down the well a tenth at a time until you see the light. Mark the point with a marker, clip, or finger.

6. The depth to water is the length indicated on the tape plus 12 inches.

7. Record the depth to water in the field notes.

8. Record the inside diameter of well in field notes.

9. Decontaminate probe and tape.

PURGING WELLS

Items Needed to Purge:

Bucket, known volume	Depth to well bottom measurement
Disposable Gloves	Field Notes
Water Levels	

1. Determining Amount of Water to Remove from Well

   A. Subtract water level from depth to bottom.

   B. Multiply the number from Step A. by 0.163 for a 2 inch I.D. well.

   C. Multiply the number from Step B by 3. This number is equal to 3 well volumes in gallons, the minimum needed to properly purge the well. For instance, if the well is a 2–inch I.D. well that is 30 feet deep, and the depth to water is 20 feet, the number of gallons needed to purge the well is:

      A. (30–20) = 10
      B. 10 x .163 = 1.63
      C. 3 x 1.63 = 4.89

   Therefore, you would need to remove 4.89 gallons from the well.

2. Bailing Method (using dedicated or disposable bailer)

   A. Place bucket near well.

   B. Wear Disposable Gloves.

      1. Change and discard between wells.

   C. Lower bailer down well, pull up, pour into bucket.

   D. Remove required volume and note time after each well volume.

   E. After each well volume is removed, measurements of pH, temperature, and specific conductance will be taken. If after 3 well volumes these measurements are not stable ($\pm$ 10%) purging will continue. Consecutive stable measurement must be recorded before purging will be considered complete. These values, times, and corresponding volumes will be recorded.

   F. Record the volume removed and method used in field notes.

   G. It is important to make note of the color, odor, and amount of sediment, if any in the water, in the field notes.

SAMPLING OF WELLS

Items Needed to Sample:

Sample Bottles	Disposable Gloves
pH Meter	Conductivity Meter
Thermometer	Field Notes

1. Take conductivity measurement.

   A. Standardize meter according to manufacturer's instructions.
   B. Lower probe into the water that is collected in a beaker.
   C. Take 2 conductivity readings (or until stable), record in field notes.
   D. Rinse probe with distilled water.

2. Take pH temperature measurements.

   A. Standardize meter according to manufacturer's instructions.
   B. Lower probe into the water that is collected in a beaker.
   C. Record temperature reading from display in field book.
   D. Take 2 pH readings (or until stable).
   E. Rinse probe with distilled water.

3. Label sample bottles with sample ID, date/time, project #, collector, and preservative used.

4. Wear disposable gloves.
   Change and discard between samples.

5. Lower bailer down well.

6. Discard the first bailer of water.

7. Pour water directly from bailer into sample bottles that do not require filtering.

8. Continue bailing until adequate water volume has been collected.

SAMPLE HANDLING AND SHIPPING

1. Immediately after sample collection, sampler will check the label for completeness. Samples will be placed into a cooler containing bagged ice.

2. Chain–of–custody form will be completed and kept with the samples at all times inside the cooler in a plastic bag.

3. Custody shall be maintained by the sampler until the coolers are prepared for transport and shipped.

4. Glass sample bottles will be wrapped in bubble wrap packaging to eliminate the possibility of breakage. All sample containers will be placed upright in the cooler. Packaging materials of bubble wrap or styrofoam peanuts will be used.

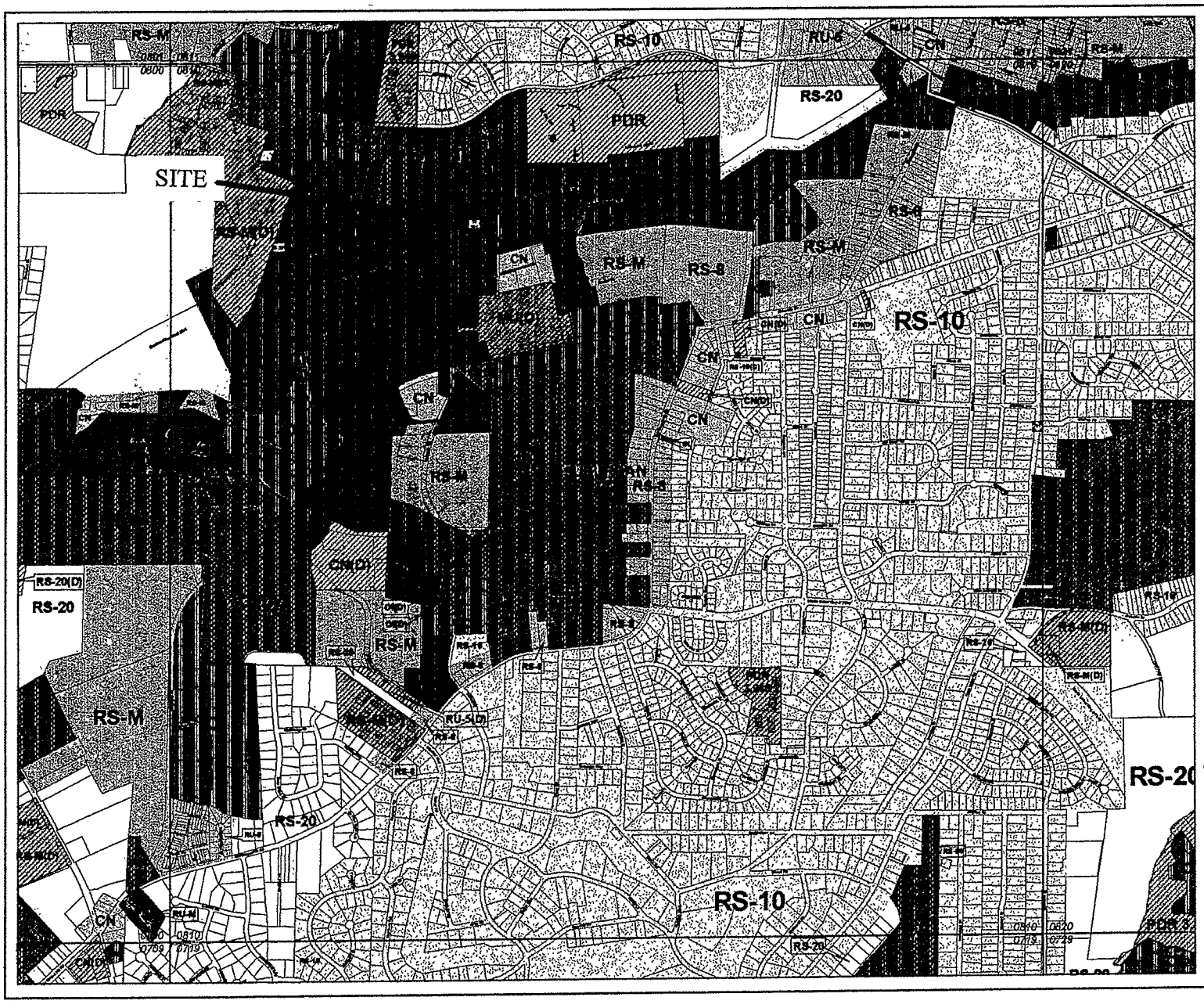
5. Cooler will be taped shut and drain plug will be securely taped.

6. Samples will be shipped or delivered to the laboratory within the specified holding time.

7. Labs should be notified of the expected arrival. They will need to know: how many samples, analysis required, and expected arrival time.

APPENDIX 7:

ZONING DESCRIPTIONS FOR SURROUNDING PROPERTIES



Durham Zoning Atlas

Map 0810

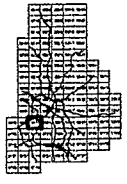
LEGEND

- CITY LIMITS
- COUNTY BOUNDARY
- MAJOR TRANSPORTATION CORRIDOR OVERLAY
- WATERSHED OVERLAY DISTRICT BOUNDARY
- URBAN GROWTH BOUNDARY
- DEVELOPMENT TIERS
- AIRPORT OVERLAY 60 TO 65 LDN
- AIRPORT OVERLAY ABOVE 65 LDN
- TRANSITIONAL OFFICE OVERLAY
- HISTORIC DISTRICT OVERLAY
- DOWNTOWN DESIGN OVERLAY
- NEIGHBORHOOD PROTECTION OVERLAY
- ZONING DISTRICT WITH DEVELOPMENT PLAN

BASE ZONING DISTRICTS

- Residential Rural
- Residential Suburban-20
- Residential Suburban-10
- Residential Suburban-8
- Residential Suburban-Multifamily
- Residential Urban-5
- Residential Urban-5(2)
- Residential Urban-Multifamily
- Residential Compact
- Commercial Neighborhood
- Office and Institutional
- Commercial General
- Commercial Center
- Industrial Park
- Industrial, Light
- Industrial
- Mixed Use
- University and College
- Central Business District
- Science Research Park
- Planned Development Residential
- < 2 DU/AC
- 2-4 DU/AC
- 4-8 DU/AC
- 8-12 DU/AC
- >12 DU/AC

May 5, 2008



0 500 1,000 1,500 2,000 Feet

Graphic not to scale. Not intended for use with engineering scale

Information depicted hereon is for reference purposes only and is compiled from the best available sources. The City of Durham and Durham County assumes no responsibility for errors arising from the misuse of this map. Contact the Durham City-County Planning Department at (919) 560-4137 to verify the status of the information shown on the map.

Map printed by Durham City/County Planning on May 21, 2009

APPENDIX 8:

WELLHEAD PROTECTION AREA DOCUMENTATION

North Carolina Department of Environment and Natural Resources

Public Water Supply Section

Approved Well Head Plans

Click on a Column Name to Sort

Approval Number	System Name	PWSID	Approved	Wells	Pop Served	County
6	Morehead City	416015	12/8/1999	4	7500	Carteret
80	Newport	416020	5/26/2004	3	3500	Carteret
49	West Carteret Water Corp.	416040	11/27/2001	3	5500	Carteret
48	Harkers Island Sanitary District	416025	11/27/2001	2	2500	Carteret
58	Bogue Banks Water Corporation	416028	9/20/2002	11	3000	Carteret
75	Carteret Co. Water System - Merrimon Comm.	416198	5/24/2004	1	71	Carteret
61	Clay County Water and Sewer District	122010	2/10/2003	2	900	Clay
57	Lake Waccamaw	424045	9/20/2002	2	1523	Columbus
30	Chadbourn	424020	6/23/2000	4	2300	Columbus
59	River Bend	425113	10/2/2002	3	2477	Craven
64	First Craven Sanitary District	425040	7/23/2003	3	5063	Craven
19	Stedman	326030	12/30/1999	4	720	Cumberland
110	Dare County Water System		7/26/2007	50	29321	Dare
87	Chinquapin Water Association	431050	4/20/2005	3	3800	Duplin
82	Duplin County Water District E	431095	11/16/2004	1	773	Duplin
14	Faison - R1	431040	7/26/2007	3	1200	Duplin
28	Magnolia	431035	12/30/1999	2	800	Duplin
8	Warsaw	431015	12/16/1999	3	3500	Duplin
23	Pinetops	433015	12/30/1999	4	2420	Edgecombe
68	Belmont Abbey College	136107	10/14/2003	1	700	Gaston

|< << 2 of 6 >> >|