Phase I Limited Site Assessment
Proposed NCDOT
Multi-Modal Station
531 West 4th Street
Charlotte, North Carolina
Tax Parcel 073-16-107

H&H Job No. ROW-143 State Project P-3800 WBS Element: 32179

July 13, 2006

2923 South Tryon Street Suite 100 Charlotte, NC 28203 704.586.0007 Fax 704.586.0373

Phase I Limited Site Assessment Information

Site Location:

NC Department of Transportation Multi-Modal Station 531 West 4th Street Charlotte, North Carolina 28202

UST Owner and Operator:

Unknown. USTs were orphan USTs on NC DOT property.

Property Owner:

NC Department of Transportation

Correspondence to be directed to: Geotechnical Unit Geoenvironmental Section 1589 Mail Service Center Raleigh, North Carolina 27699-1589

Attn: Mr. Cyrus F. Parker, LG (919) 250-4088

Consultant Information:

Hart & Hickman, PC 2923 South Tryon Street Suite 100 Charlotte, North Carolina 28203

Attn: Mr. Mike Crouch, PE, PG – Project Manager (704) 586-0007



Facility ID Number: Not Applicable NC DENR Incident Number: 27926 Site Priority Ranking: Anticipate Low Land Use Category: Anticipate Mixed Use Latitude/Longitude: 35.2302°N, 80.8493°W Release Discovery Date: July 26, 2005 Estimated Quantity of Release: Unknown

Cause/Source of Release: UST System

Subject UST Information: Former 1,000 gallon Orphan UST on NC DOT property



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Phase I Limited Site Assessment NCDOT Multi-Modal Station 531 West 4th Street Charlotte, North Carolina 28202

H&H Job No. ROW-143

1.0 Executive Summary and Recommendations

This Phase I Limited Site Assessment (LSA) report documents assessment activities at the NC Department of Transportation Multi-Modal Station located at 531 W. 4th Street in Charlotte, Mecklenburg County, North Carolina. This LSA was conducted to address soil impacts previously detected beneath a former orphan underground storage tank (UST). The soil impacts were detected during closure sampling performed subsequent to removal of a former 1,000 gallon orphan UST in July 2005. Upon UST removal, excavation was conducted in the vicinity of the UST and soils were excavated to approximately 16 ft. A UST closure report was submitted to the North Carolina Department of Environment and Natural Resources (DENR) who then issued a Notice of Regulatory Requirement on April 13, 2006 requesting a LSA be conducted.

Land Use/Risk Characterization

No water supply wells were identified within a 1,500-ft radius of the source area and municipal supplied water is provided to the site area. The closest surface water body is an unnamed tributary of Irwin Creek located approximately 2,400 ft southwest of the former UST.

The site is a parking lot operated by West Parking and is zoned as Uptown Mixed Use District (UMUD); however, according to Charlotte-Mecklenburg Zoning personnel, this is classified as mixed commercial use. The surrounding area is generally comprised of a bus terminal, parking lots, and a railroad.

Phase I LSA Sampling

The Phase I LSA soil and ground water sampling was conducted on June 2, 2006. H&H installed one well within the footprint of the UST excavation area and collected one ground water sample. Based upon the location of the boring within the former excavation and the depth to ground

water, no soil samples were collected for laboratory analysis because the UST excavation had extended to the water table. The excavation was extended to approximately 16 ft in July 2005. After installation of the monitoring well in June 2004, ground water was recorded at approximately 15 ft. The ground water sample contained several target analytes exceeding the North Carolina NCAC 2L ground water standard, however, none of the analytes exceeded the Gross Contamination Levels (GCLs).

Recommendations

Based on the lack of potential receptors, including surface water and water supply wells, and the lack of constituents exceeding the GCLs, H&H recommends the site be designated as a low risk site and be provided a letter of No Further Action.

2.0 Introduction and Site History

This LSA report documents assessment activities at the NC Department of Transportation's proposed Multi-Modal Station site located at 531 W. 4th Street in Charlotte, Mecklenburg County, North Carolina. The site is currently leased to West Parking and used as a parking lot. This LSA was conducted to address soil impacts previously detected beneath a former orphan UST. The soil impacts were detected during closure sampling for the removal of the former 1,000 gallon 1 UST in July 2005.

In July 2005 a former orphan UST was removed from the site and soil impacts were detected. UST closure samples collected from soil beneath the former UST contained TPH-DRO with a maximum concentration of 420 mg/kg and TPH-GRO with a maximum concentration of 43 mg/kg. Upon excavation of 140.94 tons of soil to a depth of approximately 16 ft, confirmation soil samples were collected and analyzed for risk-based parameters. No analytes were detected above soil-to-ground water maximum soil contaminant concentrations (MSCCs) in the risk-based samples collected from the sidewalls of the excavation. However, several analytes were detected in the base sample exceeding the soil-to-ground water MSCCs. None of the detected analytes exceeded the residential or commercial MSCCs. Further excavation vertically was not practical due to the limited space available for excavation equipment and the presence of a storm water line located east of the UST. The UST removal and soil excavation is documented in an August 15, 2005 UST Closure Report.

DENR issued a Notice of Regulatory Requirement (NORR) on April 13, 2006 requesting a LSA be conducted. This report presents the methods and results of the Phase I LSA.

3.0 Receptor Information and Risk Characterization

As part of the LSA, H&H performed a site land use and risk characterization survey. The completed Risk Classification and Land Use Form is provided in Appendix A. A discussion of potential receptors and land use is provided below.

3.1 Receptor Information

3.1.1 Water Supply Wells

H&H conducted a water supply well survey for the area within a 1,500-ft radius of the source area in June 2006. The survey was conducted by performing area reconnaissance, checking for evidence of municipal water connections, and inquiries with the Charlotte-Mecklenburg Water Resources Department.

During the drive-by reconnaissance of the area, no water supply wells were observed, and evidence of municipal supplied water (water meters, meter boxes, fire hydrants, etc.) was observed throughout the search radius. Additionally, based on Charlotte-Mecklenburg Water Resources records, municipal water is available in the site area.

3.1.2 Surface Water

H&H conducted a survey for surface water bodies in the area. No surface water bodies were identified within 500 ft of the source area. The closest surface water body to the source area is an unnamed tributary of Irwin Creek, which is located approximately 2,400 ft to the southwest, at the closest location (Figure 1).

3.1.3 Subsurface Structures

Visual observations were made for potential subsurface contamination conduits in the vicinity of the source area. During previous soil excavation activities, a 48-inch RCP stormwater line was located on site along the eastern edge of the excavation area (Figure 2). This line is buried well above the depth to ground water.

3.1.4 Property Owners and Land Use

According to tax records, the subject property consists of approximately 1.011 acres of land (Figure 2) and the owner is listed as the North Carolina Department of Transportation (NC DOT). As previously stated, the site is used as a pay-as-you-go parking lot operated by West Parking.

According to the Charlotte-Mecklenburg Zoning Department, the site is zoned as Uptown Mixed Use District (UMUD). According to Charlotte-Mecklenburg Zoning personnel, this is considered as commercial use. The surrounding area is generally comprised of a railroad, parking lots, and a bus terminal. Table 2 includes a summary of adjacent property owner, use and zoning information.

3.1.5 Wellhead Protection Areas

Based on our review of the DENR Public Water Supply Section website (http://wse20.deh.ehnr.state.nc.us/swap_app/viewer.htm), the site is not located in a wellhead protection area. Additionally, according to the website, there are no wellhead protection areas located within Mecklenburg County.

4.0 Geology and Hydrogeology

4.1 Regional Geology and Hydrogeology

The subject property is located in the Piedmont Physiographic Province of North Carolina. According to the *Geologic Map of North Carolina* dated 1985, the subject property lies within the Charlotte Belt of the Piedmont. In the site area, underlying bedrock is composed of metavolcanic rock consisting mainly of metagabbro and metadiorite. The land surface of the area is generally characterized as gently sloping, which may become moderately steep where intersected by streams.

In the Piedmont, the bedrock is overlain by a mantle of weathered rock termed saprolite or residuum. The saprolite consists of unconsolidated clay, silt, and sand with lesser amounts of rock fragments. Due to the range of parent rock types and their variable susceptibility to weathering, the saprolite ranges widely in color, texture, and thickness. Generally, the saprolite is thickest near interstream divides and thins toward streambeds. In profile, the saprolite normally grades from clayey soils near the land surface to highly weathered rock above the competent bedrock.

The occurrence and movement of ground water in the Piedmont is typically within two separate but interconnected water-bearing zones. A shallow water-bearing zone occurs within the saprolite, and a deeper water-bearing zone within the underlying bedrock.

Ground water in the shallow saprolite zone occurs in the interstitial pore spaces between the grains comprising the saprolite soils. Ground water in this zone is typically under water table or unconfined conditions. Ground water movement is generally lateral from recharge areas to small streams that serve as localized discharge points.

The occurrence and movement of ground water in the underlying water-bearing zone within the crystalline bedrock is controlled by secondary joints, fractures, faults, and dikes within the

bedrock. On a regional scale, the direction of ground water flow is typically from uplands to major streams and ground water sinks. The saprolite has a higher porosity than the bedrock and serves as a reservoir that supplies water to a network of fractures in the bedrock.

4.2 Site Hydrogeology

Soil samples collected by H&H during LSA activities indicate predominately reddish-brown to dark grey silty clay to approximately 25 ft. The static water level in monitoring well MW-1 was approximately 14.60 ft below grade. A boring log and well construction record are provided in Appendix B.

The site is located on a relatively flat parcel with a moderate slope towards the northeast. Based on topography, H&H expects that the ground water flow direction in the source area is likely to the northeast towards West 4th Street.

5.0 Field Activities and Sampling Results

On June 2, 2006 a soil boring was advanced in the area near the former orphan UST. The boring (MW-1) was placed within the footprint of the UST basin excavation where soil impacts had been detected during UST closure (Figure 3). This boring was advanced by using a Geoprobe 6620 Direct Push Technology (DPT)/auger drill rig. Soil samples were collected continuously to a depth of 25 ft. During boring advancement, soils were evaluated for evidence of impacts by visual observations, presence of odors, staining, and organic vapors as measured using a field organic vapor analyzer (OVA).

In accordance with DENR guidance, H&H did not submit soil samples because the boring was within the footprint of the former excavation and the excavation depth (approximately 16 ft) exceeded the depth to ground water (14.6 ft). A soil sample was collected during UST removal from the sidewall near the location of the boring and this sample did not contain target analytes above MSCCs.

Boring MW-1 was advanced to a total depth of 25 ft below grade and a 2-inch PVC monitoring well installed. Ground water was encountered during boring advancement and equalized at approximately 14.6 ft below grade. A fifteen ft well screen was placed to bracket the water table. After installation, the monitoring well was developed then purged by removing multiple well volumes. After purging, the well was sampled using a dedicated, disposable polyethylene bailer. The ground water sample was analyzed for VOCs including IPE, MTBE and EDB by EPA Method 6230D, semi-VOCs plus tentatively identified compounds (TICs) by EPA Method 625, and EPH/VPH by the Massachusetts Method in accordance with DENR guidelines. A boring log for MW-1, along with the well completion record for MW-1 is included in Appendix B.

The ground water sample was placed directly into laboratory supplied bottles upon collection, properly labeled, placed in a cooler with ice, and delivered under chain-of-custody protocol to Pace Analytical Services, Inc., a North Carolina certified laboratory located in Huntersville, North Carolina. The chain-of-custody record and laboratory analytical data sheets are provided in Appendix C.

5.1 Soil Sampling Results

In accordance with DENR guidance, H&H did not submit soil samples for analysis as the soils encountered top the water table depth of 14.6 ft were fill emplaced during backfilling of the excavation. The former excavation was conducted to a depth of 16 feet and ground water in the monitoring well stabilized at 14.6 feet.

5.2 Ground Water Sampling Results

The ground water sample collected from monitoring well MW-1 contained benzene (17 μ g/l), methylene chloride (17 μ g/l), naphthalene (370 μ g/l), n-propylbenzene (110 μ g/l) tetrachloroethene (2.8 μ g/l), 1,2,4-trimethylbenzene (840 μ g/l), xylenes (1,000 μ g/l), VPH C5-C8 aliphatics (4,500 μ g/l), C9-C18 aliphatics (4,210 μ g/l), and C9-C22 aromatics (5,340 μ g/l) above their respective ground water standards (Table 2). Various other target analytes were also detected, however at concentrations below their ground water standards. None of the detected analytes were at concentrations exceeding their respective GCLs and free product was not encountered.

6.0 Conclusions and Recommendations

The subject site qualifies as a low risk, industrial/commercial site due to the land use and the lack of receptors in the area. Following removal of the orphan UST in July 2005, approximately 140.94 tons of petroleum-impacted soil was removed from the site for proper disposal. The excavation was extended to a depth of approximately 16 ft below grade. Based on soil sampling conducted after excavation of impacted soil, constituents exceeding the soil-to-ground water MSCC were present at the base of the excavation at approximately 16 ft below grade. No target analytes exceeded MSCCs in sidewall samples. A monitoring well was installed within the footprint of the former UST excavation in June 2006. Ground water was present at the time of installation at approximately 15 ft. Numerous target analytes were detected at concentrations exceeding the ground water standards, however none of the analytes exceeded the GCLs and free product was not encountered.

Based on the lack of potential receptors, including nearby surface water and water supply wells, and the lack of constituents exceeding the GCLs, H&H recommends the site be designated as a low risk site and be provided a letter of No Further Action.

Summary of Adjacent Properties
531 West 4th Street
NC DOT Multi-Modal Station
Charlotte, North Carolina
H&H Project No. ROW-143

Figure 2 Map ID	Figure 2 Directions from Map ID Subject Site	Property Address	Parcel Number	Owner Name	Owners Address	Property Use	Zoning
1	Northwest	West 4th St	7316109	NC DOT	716 W. Main St, Albemarle, NC 28001	Vacant - Proposed Multi-Modal Station	Mixed Use
2	Southwest	526 West 3rd St	7316101	Mecklenburg County	600 East 4 St Charlotte, NC 28202	Parking	Mixed Use
3	Southeast	224 South Graham	7316106	Mecklenburg County	600 East 4 St Charlotte, NC 28202	Vacant	Mixed Use
4	West			West 4th St	th St		
5	West-Northwest	601 West Trade St	7315129	Greyhound Lines, Inc	PO Box 660362 Dallas, Texas	Bus Terminal	Mixed Use

Table 2 Ground Water Analytical Detections 531 West 4th Street NC DOT Multi-Modal Station Charlotte, North Carolina H&H Project No. ROW-143

Parameter	Units	MW-1	Ground Water Standard	GCL
<u>VOCs (6230D)</u>				
Benzene	μg/l	17	1	5,000
Ethylbenzene	μg/1	460	550	84,500
Isopropylbenzene	μg/l	43	70	25,000
Methylene chloride	μg/1	17	4.6	4,600
Naphthalene	μg/l	370	21	15,500
n-Propylbenzene	μg/l	110	70	30,000
Styrene	μg/l	3	100	100,000
Tetrachloroethene (PCE)	μg/l	2.8	0.7	700
Toluene	μg/l	19	1,000	257,500
1,2,4-Trimethylbenzene	μg/l	840	350	28,500
1,3,5-Trimethylbenzene	μg/l	260	350	25,000
Total Xylenes	μg/l	1,000	530	87,500
<u>SVOCs (625)</u>				
Naphthalene	μg/l	230	21	15,500
<u>VPH/EPH (MADEP)</u>				
VPH C5-C8 Aliphatics	μg/l	4,500	420	NS
VPH C9-C12 Aliphatics	μg/l	3,900	NS	NS
EPH C9-C18 Aliphatics	μg/l	310	NS	NS
Total C9-C18 Aliphatics	μg/1	4,210	4,200	NS
EPH C19-C36 Aliphatics	μg/l	<110	42,000	NS
EPH C11-C22 Aromatics	μg/l	940	NS	NS
VPH C9-C10 Aromatics	μg/l	4,400	NS	NS
Total C9-C22 Aromatics	μg/l	5,340	210	NS

Notes:

VOCs = volatile organic compounds; SVOCs = Semi-volatile organic compounds

TIC = tenatively identified compounds; ND = not detected; NA = not analyzed

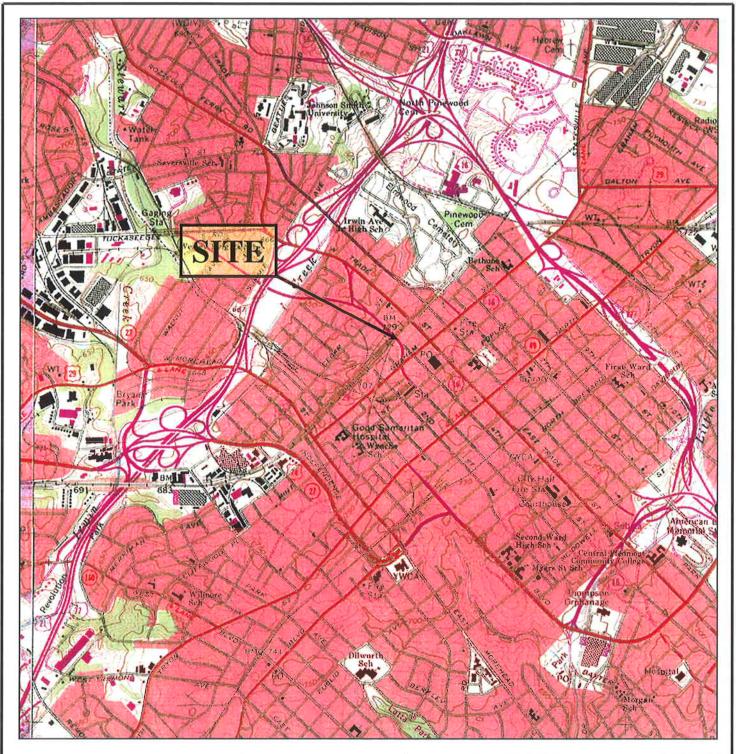
VPH = volatile petroleum hydrocarbons by MADEP method

EPH = extractable petroleum ydrocarbons by MADEP method

Ground Water Standard = NCAC 2L ground water quality standard, as revised on 2/1/06

GCL = gross contaminant level

Bold indicates exceeds ground water standard; Only detected analytes shown.







U.S.G.S. QUADRANGLE MAP

CHARLOTTE EAST, NC 1967 **REVISED/INSPECTED 1988**

QUADRANGLE 7.5 MINUTÉ SERIES (TOPOGRAPHIC) TITLE

SITE LOCATION MAP

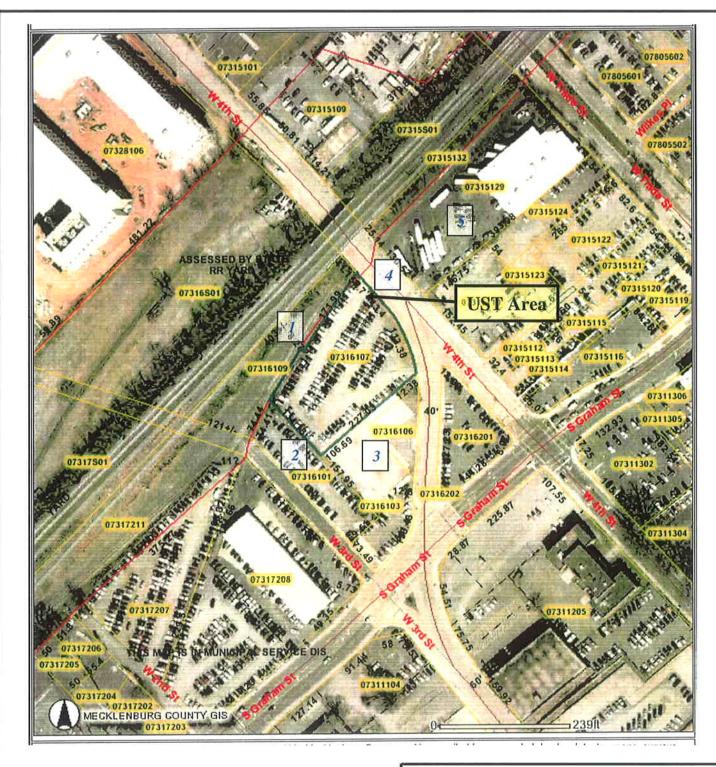
531 WEST 4th STREET ORPHAN UST CHARLOTTE, NORTH CAROLINA



1

DATE:	6-2-06	REVISION NO:	
JATE.	0-2-00	REVISION NO:	,

JOB NO: **ROW-143** FIGURE NO:





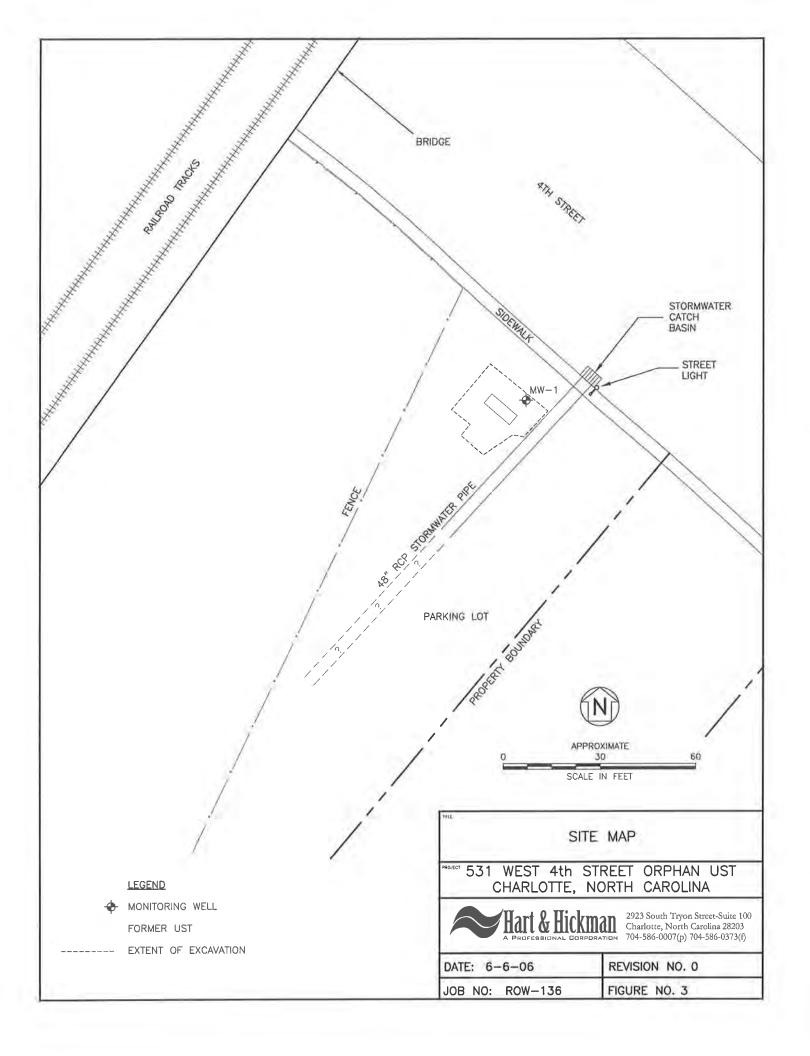
FROM 2004 AERIAL CHARLOTTE MECKLENBURG GIS WEBSITE SITE AREA AND ADJACENT PROPERTIES

PROJECT

531 WEST 4th STREET ORPHAN UST CHARLOTTE, NORTH CAROLINA



DATE:	6-29-06	REVISION NO:	0
JOB NO:	ROW-143	FIGURE NO:	2



Appendix A

Risk Classification and Land Use Form

Limited Site Assessment Risk Classification and Land Use Form

<u>Part I - Groundwater/Surface Water/Vapor Impacts</u> **High Risk**

1. Has the discharge or release contaminated any water supply well including any used for non-drinking purposes?

The discharge or release has not resulted in known contaminated water wells in the site area.

2. Is a water supply well used for drinking water located within 1,000 feet of the source area of the discharge or release?

No water supply wells were identified within 1,000 ft that are used for drinking water.

3. Is a water supply well used for any purpose (e.g., irrigation, washing cars, industrial cooling water, filling swimming pools) located within 250 feet of the source area of the release or discharge?

No, there is not a water supply well used for any purpose located within 250 ft of the source area of release or discharge.

4. Does groundwater within 500 feet of the source area of the discharge or release have the potential for future use in that there is no other source of water supply other than the groundwater?

Municipal water is available to properties within 500 ft of the source area.

5. Do vapors from the discharge or 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?

Vapors from the discharge or release do not pose a threat of explosion and do not pose a serious threat to public health, public safety, or the environment.

6. Are there any other factors that would cause the discharge or release to pose an imminent danger to public health, public safety, or the environment?

No other factors would cause the discharge or release to pose an imminent danger to public health, public safety, or the environment.

Intermediate Risk

7. Is a surface water body located within 500 feet of the source area of the discharge or release?

No, there are no surface water bodies located within 500 ft of the source area of discharge or release.

8. Is the source area of the discharge or release located within a designated wellhead protection area as defined in 42 USC 300h-7(e)?

The source area is not located within a designated wellhead protection area.

9. Is the discharge or release located in the Coastal Plain physiographic region as designated on a map entitled "Geology of North Carolina" published by the Department in 1985? If yes, is the source area of the discharge or 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?

The discharge or release is not located in the Coastal Plain physiographic region.

10. Do the levels of groundwater contamination for any contaminant exceed the gross contamination levels established (see Table 3) by the Department?

No compound concentrations exceed their respective gross contamination levels.

Part II - Land Use

Property Containing Source Area of Discharge or Release

1. Does the property contain one or more primary or secondary residences (permanent or temporary)?

No, the subject property is occupied by a parking lot.

2. Does the property contain a school, daycare center, hospital, playground, park, recreation area, church, nursing home, or other place of public assembly?

The property does not contain a place of public assembly.

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?

The property is a parking lot.

4. Do children visit the property?

Only a passengers in cars to be parked.

5. Is access to the property reliably restricted consistent with its use (e.g., by fences, security personnel or both)?

Access to the property is not restricted.

6. Do pavement, buildings, or other structures cap the contaminated soil?

The source area is capped by gravel and fill.

7. What is the zoning status of the property?

The property is zoned as Uptown Mixed Use District (UMUD). According to Charlotte-Mecklenburg Zoning personnel, this classification is mixed use.

8. Is the use of the property likely to change in the next 20 years?

The property is proposed to be part of the NC DOT Multi-Modal Station but is currently a parking lot.

Property Surrounding Source Area of Discharge or Release

The questions below pertain to the area within 1500 feet of the source area of the discharge or release (excludes property containing source area of the release):

9. What is the distance from the source area of the release to the nearest primary or secondary residence (permanent or temporary)?

The distance from the source area to the nearest permanent residence is approximately 700 ft northwest.

10. 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?

The nearest area of public assembly is a church which is located approximately 600 feet north of the source area.

11. What is the zoning status of properties in the surrounding area?

The area surrounding the subject site is zoned as residential and mixed use.

12. Briefly characterize the use and activities of the land in the surrounding area.

The primary land use in the immediate vicinity of the site is a commercial.

Appendix B

Boring Log and Well Construction Record

LOG OF BORING:

Project: NC DOT MULTI- MOBAL STATION

Job No: ROW-143 Location: CHARLOTTE, NC

Surface Elev:

Top of Casing Elev: Net Screen as

Drilling Rig/Method: GEOPRIBE 6620 DT/HSA

Sampling Method: DDT SAMPE 50

					70 . 10	7		Sampling Metho	oq: $\mathcal{D}\mathcal{b}_{\omega}$	SA	MALER		7	• \$		
	Elevation, feet	Depth, feet	Sampler Graphics	USCS Symbol	Recovery %	I	DESCRIPTION	•			Counts		SAMP.	:WELL: [DIAGRAM	CEMENT
		-10		CL CL	98% 98% 16%	GRAVEL + FILL REDDISH - BROWN S BOOKE OF PRODUSH - BROWN S SOME OF PROBLEM SILTY-OF FXALMENTS, STRO MOSTLY EVERTHERE DOR, LOTS OF WILL ARK GREY SILTY-OF VERTHERED ROCK, LOT	NCTY-CLAY, DR SOR CLAY, SOME RI NG ODOR, DRY D ROCK, MOIS IS, SOME CLAY MY, WET TO SA SOF MAB, SOM	WK TO MOIST				0.6 1	1.57 S 82.5	000	01000000	SEAL
	-3 -3 -40 -45 50	11111111111				BORING TERMINAT	FO @ 25 FT.									
Dat Dat Eng	mpletion e Boring e Boring ineer/G ling Con	g Star g Con eologi	rled: nplel st:	ed: WHr	2.61 6.2.	06 MER				F	Remark	īM	Date	Me	M. d Approve	
												miii)	1 nare	Unecke	alabbrose	;a



North Carolina Department of Environment and Natural Resources- Division of Water Quality

SEI

WELL CONTRACTOR CERTIFICATION # 3393

1, WELL CONTRACTOR:	d. TOP OF CASING IS 0.0 FT Above Land Surface.
R J Crater Well Contractor (Individual) Name	Top of casing terminated alter below land surface may require a variance in accordance with 15A NCAC 2C .0118
Subsurface Enviro, Investigations	c, YIELD (gpm) <u>n/a</u> METHOD OF TEST n/a
THE CONTRACTOR COMPANY (Name	1. DISINFECTION: Type <u> </u>
STREET ADDRESS 2155 Mocksville Hwy	g. WATER ZONES (depth)
Statesville, NC 28625 City or Town State Zip Code	FromToToToToToTo
(<u>704</u>)- 876-0010	FromToToTo
Area code- Phone number 2. WELL INFORMATION:	6. CASING; Thickness/
SITE WELL ID #(If applicable) MW - 1	From O To 10 FI D" Sch 40 PVC
STATE WELL PERMIT#(If applicable)	FromToF1
DWQ or OTHER PERMIT #(if applicable)	From To Ft
WELL USE (Check Applicable Box) Monitoring 57 Municipal/Public []	7. GROUT: Depth Material Method
Industrial/Commercial Agricultural Recovery Injection	From 8 To 0 Ft. portland pump
Irrigation Other () (list use)	From 10 Ft
DATE DRILLED 6-2-06	From To Ft.
TIME COMPLETED AM D PND	8. SCREEN: Depth Diameter Slot Size Malerial
3. WELL LOCATION: CITY Charlotte county Mecklandove	From 10 To 25 Ft. 2" in, 10 in. prc. From To Ft. in. in.
531 W. Fouth Street	FromToFtin
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code) TOPOGRAPHIC / LAND SETTING:	Death Size Material
☐Slope ☐Valley ☐Flat ☐Ridge ☐ Other	From 25 To 8 Ft. #2 SANCE
(check appropriate box)	From To Ft.
LATITUDE 3 May be in degrees.	FromTo Ft
LONGITUDE	10. DRILLING LOG
Latitude/longitude source: GPS Topographic map	From To Formation Description
(location of well must be shown on a USGS topo mep and attached to this form if not using GPS)	D. 35 Red Site Class
4. FACILITY is the name of the business where the well is located	NEC - SITTY CITY
FACILITY ID #(if applicable) Charloffe Mult Mobile	
NAME OF FACILITY 531 W Fourth Street	
STREET ADDRESS	part of the state
Charlotte NC.	
City or Town State Zip Code	The same of the sa
CONTACT PERSON Brent Lesmerises	
MALLING ADDRESS 2923 S. Truon St Sut. 100	
Charlotte NC 28203	11. REMARKS:
City or Town State Zip Code	
Nea code - Phone number	
5. WELL DETAILS:	I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCUMPANCE VITABLE NEAR 2C. WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS
a. TOTAL DEPTH: 2	RECORD HAS BEEN PROVIDED TO THE WELL OWNER
b. Does well replace existing well? Yes I NO 1	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
c. WATER LEVEL Below Top of Casing:FT	R J Crater
(Use "+" if Above Top of Casing)	PRINTED NAME OF PERSON CONSTRUCTING THE WELL
	THE WILL STATE OF THE WORLD

Appendix C

Analytical Data Sheets



Phone: 704.875.9092 Fax: 704.875.9091 Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176

Fax: 828.252.4618

June 19, 2006

Mr. Christopher A. Peoples NC DOT Materials & Test Unit 1801 Blue Ridge Road Raleigh, NC 27607

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

Dear Mr. Peoples:

Enclosed are the analytical results for sample(s) received by the laboratory on June 2, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of

Inorganic Wet Chemistry and Metals Analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Charlotte laboratory unless otherwise footnoted.

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

Sincerely,

Annette Scott

annette.scott@pacelabs.com

Annette Scott

Project Manager

Enclosures



Pace Analytical Services, Inc. 9800 Kincey Avenue, Suite 100 Huntersville, NC 28078 Phone: 704.875.9092 Fax: 704.875.9091 Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

Lab Sample No: 927050096 Project Sample Number: 92120533-001 Date Collected: 06/02/06 13:30 Client Sample ID: MW-1 Matrix: Water Date Received: 06/02/06 14:15

Semivolatiles	Parameters	Results	Units	Report Limit	DF	Analyzed By	CAS No.	Qual RegLmt
Acenaphthylene								
Accemphthylene ND ug/1 5.8 1.2 06/09/06 20:55 BET 20-96-8 Anthracene ND ug/1 5.8 1.2 06/09/06 20:55 BET 120-12-7 Benso(k)fluoranthene ND ug/1 5.8 1.2 06/09/06 20:55 BET 120-12-7 Benso(k)fluoranthene ND ug/1 5.8 1.2 06/09/06 20:55 BET 20-75- Benso(k)fluoranthene ND ug/1 5.8 1.2 06/09/06 20:55 BET 20-99-2 Benso(g) anthracene ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-59-2 Benso(g),h,l)perylene ND ug/1 5.8 1.2 06/09/06 20:55 BET 56-55-3 Benso(g),h,l)perylene ND ug/1 5.8 1.2 06/09/06 20:55 BET 56-55-3 Benso(g),h,l)perylene ND ug/1 5.8 1.2 06/09/06 20:55 BET 50-32-8 4-Bromophenylphenyl ether ND ug/1 5.8 1.2 06/09/06 20:55 BET 10-24-2 Butylbenzylphthalate ND ug/1 5.8 1.2 06/09/06 20:55 BET 50-32-8 4-Chloro-anethylphenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chlorotethyx) ether ND ug/1 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chlorotethyy) ether ND ug/1 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chlorotethyy) ether ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-68-7 4-Chloro-phenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 111-44-4 bis(2-Chlorotehpyl) ether ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-58-7 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-58-7 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-58-7 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-58-7 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-57-8 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-57-8 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-57-8 4-Chlorophenol ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-57-3 1,2-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-69-7 1,2-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-50-1 1,3-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-69-7 1,4-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 30-69-7 1,4-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 31-31-3 1,4-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 31-31-13 1,4-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 31-31-13 1,4-Dichlorobenzene ND ug/1 5.8 1.2 06/09/06 20:55 BET 31-31-13 1,4-Dichlorobenzene ND ug/1 5.8 1.	Extractables in Water by 625	Prep/Method:	EPA 625 SF	/ EPA 625				
Anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-12-7 Benzidine ND ug/l 58. 1.2 06/09/06 20:55 BET 92-87-5 Benzo(b) fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 207-08-9 Benzo(b) fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 207-08-9 Benzo(a) anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 207-08-9 Benzo(a) hiperylene ND ug/l 5.8 1.2 06/09/06 20:55 BET 50-32-8 Benzo(a) pyrene ND ug/l 5.8 1.2 06/09/06 20:55 BET 191-24-2 Benzo(a) pyrene ND ug/l 5.8 1.2 06/09/06 20:55 BET 191-24-2 Benzo(a) pyrene ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 Butylenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 Butylenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 Butylenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chloro-a)-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chlorotehoxy) methne ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-50-7 bis(2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-59-1 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-59-1 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-59-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-70-3 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-70-3 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-74-1 2,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-74-1 2,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-74-1 2,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/0	Acenaphthene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	83-32-9	
Benzidine	Acenaphthylene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	208-96-8	
Benzo(k) fluoranthene	Anthracene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	120-12-7	
Benzo(b) fluoranthene	Benzidine	ND	ug/l	58.	1.2	06/09/06 20:55 BET	92-87-5	
Benzo(a) anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 56-55-3 Benzo(a, h, i) perylene ND ug/l 5.8 1.2 06/09/06 20:55 BET 191-24-2 Benzo(a) pyrene ND ug/l 5.8 1.2 06/09/06 20:55 BET 191-24-2 4-Bromophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 Butylbenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 Butylbenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 85-68-7 4-Chloro-3-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 85-68-7 4-Chloro-4-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis (2-Chloroethoxy) methane ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis (2-Chloroethyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-44-4 bis (2-Chlorosporpyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 39-58-7 2-Chloroaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 39-58-7 2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-94-1 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 1131-13 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 1131-13 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitroduene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Disc(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Disc(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Disc(2-Eth	Benzo(k) fluoranthene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	207-08-9	
Benzo(g,h,i)perylene ND ug/l 5.8 1.2 06/09/06 20:55 BET 191-24-2 Benzo(a)pyrene ND ug/l 5.8 1.2 06/09/06 20:55 BET 50-32-8 4-Bromophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 50-32-8 Butylbenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 50-32-8 4-Chloro-3-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chloroethoxy)methane ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chloroethyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chlorotehyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-44-4 bis(2-Chlorotehyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 39638-32-9 2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 4-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 4-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-57-8 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-94-1 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 100-46-7 3,3'-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-14-2 2,4-Dinitrobluene ND ug/l 5.8 1.2 06	Benzo(b) fluoranthene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	205-99-2	
Benzo(a) pyrene	Benzo(a) anthracene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	56-55-3	
## ABromophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 101-55-3 ## Butylbenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 85-68-7 ## A-Chloro-3-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 ## Dis (2-Chloroethoxy) methane ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 ## Dis (2-Chloroethyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 ## Dis (2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-44-4 ## Dis (2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 391-58-7 ## 2-Chloroaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 ## 2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 ## 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 ## 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 ## 2-Chloroaphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 318-01-9 ## Dibenz (a, h) anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-1 ## 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 55-01 ## 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 ## 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 ## 1,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 100-46-7 ## 3,3'-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 ## 1,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 ## 1,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 ## 2,4-Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 ## 2,4-Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 ## 2,4-Dinitrophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 ## 2,4-Dinitrophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 ## 2,4-Dinitrophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 ## 2,4-Dinitrophenol ND u	Benzo(g,h,i)perylene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	191-24-2	
Butylbenzylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 85-68-7 4-Chloro-3-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chloroethoxy)methane ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis(2-Chloroethyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis(2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-44-4 bis(2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-94-1 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-08-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-08-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 B	Benzo(a)pyrene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	50-32-8	
4-Chloro-3-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 59-50-7 bis (2-Chloroethxy) methane ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis (2-Chloroethxyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis (2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 111-91-1 bis (2-Chloroisopropyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 39638-32-9 2-Chloronaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 39638-32-9 2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-09- Dibenz (a,h) anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-66-2 2,4-Dimitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 311-11-3 Dibutylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-72-1 2,4-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-72-1 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dioctylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 DiOctylphthalate ND ug/l 5.8	4-Bromophenylphenyl ether	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	101-55-3	
Discription	Butylbenzylphthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	85-68-7	
Dis (2-Chloroethyl) ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 36:38-32-9	4-Chloro-3-methylphenol	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	59-50-7	
Dis(2-Chloroisopropyl) ether ND	bis(2-Chloroethoxy)methane	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	111-91-1	
2-Chloromaphthalene ND ug/l 5.8 1.2 06/09/06 20:55 BET 91-58-7 2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-57-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 2,4-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 34-74-2 4,6-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 544-74-2 4,6-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0	bis(2-Chloroethyl) ether	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	111-44-4	
2-Chlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-7-8 4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 218-01-9 Dibenz(a,h)anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 55-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 54-74-2 4,6-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 54-74-2 4,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0		ND	ug/l	5.8	1.2	06/09/06 20:55 BET	39638-32-9	
4-Chlorophenylphenyl ether ND ug/l 5.8 1.2 06/09/06 20:55 BET 7005-72-3 Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 218-01-9 Dibenz(a,h)anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 55-70-3 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 54-72-1 2,4-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 54-72-1 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7	2-Chloronaphthalene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	91-58-7	
Chrysene ND ug/l 5.8 1.2 06/09/06 20:55 BET 218-01-9 Dibenz(a,h)anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-66-2 2,4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 34-74-2 4,6-Dinitro-2-methylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0	2-Chlorophenol	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	95-57-8	
Dibenz(a,h)anthracene ND ug/l 5.8 1.2 06/09/06 20:55 BET 53-70-3 1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 12. 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0	4-Chlorophenylphenyl ether	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	7005-72-3	
1,2-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 95-50-1 1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 12. 1.2 06/09/06 20:55 BET 106-46-7 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 34-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7	Chrysene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	218-01-9	
1,3-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 541-73-1 1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 12. 1.2 06/09/06 20:55 BET 106-46-7 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 1206-44-0	Dibenz(a,h)anthracene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	53-70-3	
1,4-Dichlorobenzene ND ug/l 5.8 1.2 06/09/06 20:55 BET 106-46-7 3,3'-Dichlorobenzidine ND ug/l 12. 1.2 06/09/06 20:55 BET 91-94-1 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 2,4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 331-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrotoluene ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7	1,2-Dichlorobenzene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	95-50-1	
3,3'-Dichlorobenzidine ND ug/l 12. 1.2 06/09/06 20:55 BET 91-94-1 2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 2,4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-66-2 2,4-Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7	1,3-Dichlorobenzene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	541-73-1	
2,4-Dichlorophenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 120-83-2 Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-66-2 2,4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 534-52-1 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 bis (2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	1,4-Dichlorobenzene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	106-46-7	
Diethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-66-2 2.4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4.6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2.4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2.4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2.6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	3,3'-Dichlorobenzidine	ND	ug/l	12.	1.2	06/09/06 20:55 BET	91-94-1	
2,4-Dimethylphenol ND ug/l 5.8 1.2 06/09/06 20:55 BET 105-67-9 Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 1206-44-0	2,4-Dichlorophenol	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	120-83-2	
Dimethylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 131-11-3 Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 Dis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-81-7	Diethylphthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	84-66-2	
Di-n-butylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 84-74-2 4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 17-84-0 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	2,4-Dimethylphenol	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	105-67-9	
4,6-Dinitro-2-methylphenol ND ug/l 29. 1.2 06/09/06 20:55 BET 534-52-1 2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 606-20-2 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	Dimethylphthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	131-11-3	
2,4-Dinitrophenol ND ug/l 29. 1.2 06/09/06 20:55 BET 51-28-5 2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 606-20-2 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	Di-n-butylphthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	84-74-2	
2,4-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 121-14-2 2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 606-20-2 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	4,6-Dinitro-2-methylphenol	ND	ug/l	29.	1.2	06/09/06 20:55 BET	534-52-1	
2,6-Dinitrotoluene ND ug/l 5.8 1.2 06/09/06 20:55 BET 606-20-2 Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	2,4-Dinitrophenol	ND	ug/l	29.	1.2	06/09/06 20:55 BET	51-28-5	
Di-n-octylphthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-84-0 bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	2,4-Dinitrotoluene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	121-14-2	
bis(2-Ethylhexyl)phthalate ND ug/l 5.8 1.2 06/09/06 20:55 BET 117-81-7 Fluoranthene ND ug/l 5.8 1.2 06/09/06 20:55 BET 206-44-0	2,6-Dinitrotoluene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	606-20-2	
Fluoranthene ND ug/1 5.8 1.2 06/09/06 20:55 BET 206-44-0	Di-n-octylphthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	117-84-0	
	bis(2-Ethylhexyl)phthalate	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	117-81-7	
Fluorene ND ug/1 5.8 1.2 06/09/06 20:55 BET 86-73-7	Fluoranthene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	206-44-0	
	Fluorene	ND	ug/l	5.8	1.2	06/09/06 20:55 BET	86-73-7	

Date: 06/19/06 Page: 1 of 25



Phone: 704.875.9092 Fax: 704.875.9091

Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

Lab Sample No: 927050096 Client Sample ID: MW-1			Project Sample	Number: 92120533-003 Matrix: Water		Date Collected: 06/02/06 13:3 Date Received: 06/02/06 14:1
Parameters	Results	Units	_ Report Limit	DF Analyzed	By	CAS No. Qual ReqLmt
Hexachloro-1,3-butadiene	ND	ug/l	5.8	1.2 06/09/06 20:55	-	CAS No. Qual RegLmt 87-68-3
Hexachlorobenzene	ND	ug/l	5.8	1.2 06/09/06 20:55		118-74-1
Hexachlorocyclopentadiene	ND	ug/l	12.	1.2 06/09/06 20:55		77-47-4
Hexachloroethane	ND	ug/l	5.8	1.2 06/09/06 20:55		
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.8	1.2 06/09/06 20:55		
Isophorone	ND	ug/l	5.8	1.2 06/09/06 20:55		78-59-1
Naphthalene	230	ug/l	29.	5.8 06/09/06 20:55		
Nitrobenzene	ND	ug/l	5.8	1.2 06/09/06 20:55		
2-Nitrophenol	ND	ug/l	5.8	1.2 06/09/06 20:55		
4-Nitrophenol	ND	ug/l	29.	1.2 06/09/06 20:55		
N-Nitrosodimethylamine	ND	ug/l	5.8	1.2 06/09/06 20:55		
N-Nitroso-di-n-propylamine	ND	ug/l	5.8	1.2 06/09/06 20:55		621-64-7
N-Nitrosodiphenylamine	ND	ug/l	5.8	1.2 06/09/06 20:55		86-30-6
Pentachlorophenol	ND	ug/l	29.	1.2 06/09/06 20:55		
Phenanthrene	ND	ug/l	5.8	1.2 06/09/06 20:55		
Phenol	ND	ug/l	5.8	1.2 06/09/06 20:55		
Pyrene	ND	ug/1	5.8	1.2 06/09/06 20:55		
1,2,4-Trichlorobenzene	ND	ug/l	5.8	1.2 06/09/06 20:55		
2,4,6-Trichlorophenol	ND	ug/l	5.8	1.2 06/09/06 20:55		
Nitrobenzene-d5 (S)	51	%	• • • • • • • • • • • • • • • • • • • •	1.0 06/09/06 20:55		
2-Fluorobiphenyl (S)	58	%		1.0 06/09/06 20:55		
Terphenyl-d14 (S)	82	%		1.0 06/09/06 20:55		
Phenol-d5 (S)	36	%		1.0 06/09/06 20:55		
2-Fluorophenol (S)	69	%		1.0 06/09/06 20:55		
2,4,6-Tribromophenol (S)	93	%		1.0 06/09/06 20:55		
Date Extracted	06/07/06			06/07/06		
GC Semivolatiles						
EPH in Water by Mass. Method	Prep/Method:	EPA 3510 /	EPH			
Acenaphthene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	83-32-9
Acenaphthylene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	208-96-8
Anthracene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	120-12-7
Aromatic, Adjusted (C11-C22)	940	ug/l	110	1.1 06/07/06 20:54	KBS	
Benzo(k)fluoranthene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	207-08-9
Benzo(b) fluoranthene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	205-99-2
Benzo(a)anthracene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	56-55-3
Benzo(g,h,i)perylene	ND	ug/l	5.6	1.1 06/07/06 20:54	KBS	191-24-2
Benzo(a)pyrene	ND	ug/l	5.6	1.1 06/07/06 20:54		50-32-8
Chrysene	ND	ug/l	5.6	1.1 06/07/06 20:54		218-01-9

Date: 06/19/06 Page: 2 of 25

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Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

Client Sample ID: MW-1			Project Sample		x: Water			l: 06/02/06 13:30 l: 06/02/06 14:15
Parameters	Results	Units	Report Limit	DF	Analyzed	Ву	CAS No.	Qual RegLmt
Dibenz(a,h)anthracene	ND	ug/l	5.6	1.1	06/07/06 20:54	KBS	53-70-3	
Fluoranthene	ND	ug/l	5.6		06/07/06 20:54			
Fluorene	ND	ug/l	5.6	1.1	06/07/06 20:54	KBS	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/l	5.6	1.1	06/07/06 20:54	KBS	193-39-5	
2-Methylnaphthalene	8.6	ug/l	5.6	1.1	06/07/06 20:54	KBS	91-57-6	
Naphthalene	28.	ug/l	5.6	1.1	06/07/06 20:54	KBS	91-20-3	
Phenanthrene	ND	ug/l	5.6		06/07/06 20:54			
Pyrene	ND	ug/l	5.6		06/07/06 20:54			
Aliphatic (C09-C18)	310	ug/l	110		06/07/06 20:54			
Aliphatic (C19-C36)	ND	ug/l	110		06/07/06 20:54			
Nonatriacontane (S)	59	8			06/07/06 20:54		7194-86-7	
o-Terphenyl (S)	85	%			06/07/06 20:54			
2-Fluorobiphenyl (S)	111	96			06/07/06 20:54			
2-Bromonaphthalene (S)	153	%			06/07/06 20:54			1
Date Extracted	06/05/06				06/05/06			_
GC Volatiles								
VPH in Water by Mass. Method	Method: VPH							
Aliphatic, Adjusted (C5-C8)	4500	ug/l	1000	10.0	06/08/06 23:47	DHW		
Aliphatic, Adjusted (C9-C12)	3900	ug/l	1000	10.0	06/08/06 23:47	DHW		
Benzene	ND	ug/l	50.	10.0	06/08/06 23:47	DHW	71-43-2	
Ethylbenzene	410	ug/l	50.	10.0	06/08/06 23:47	DHW	100-41-4	
Methyl-tert-butyl ether	ND	ug/l	150	10.0	06/08/06 23:47	DHW	1634-04-4	
Naphthalene	410	ug/l	100		06/08/06 23:47			
Toluene	ND	ug/l	150		06/08/06 23:47			
Aromatic (C09-C10)	4400	ug/l	1000		06/08/06 23:47			
m&p-Xylene	780	ug/l	200		06/08/06 23:47			
o-Xylene	240	ug/l	100		06/08/06 23:47		95-47-6	
2,5-Dibromotoluene (PID)(S)	88	%			06/08/06 23:47			
2,5-Dibromotoluene (FID)(S)	89	%			06/08/06 23:47			
GC/MS Volatiles								
6230 VOCs by 8260, low level	Method: EPA	8260						
Benzene	17.	ug/l	2.5	5.0	06/15/06 10:11	MSF	71-43-2	
Bromobenzene	ND	ug/l	2.5		06/15/06 10:11			
Bromochloromethane	ND	ug/l	2.5		06/15/06 10:11			
Bromodichloromethane	ND	ug/l	2.5		06/15/06 10:11			
Bromoform	ND	ug/l	2.5		06/15/06 10:11			
Bromomethane	ND	ug/l	2.5		06/15/06 10:11			

Date: 06/19/06 Page: 3 of 25



Phone: 704.875.9092 Fax: 704.875.9091 Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

Lab Sample No: 927050096 Project Sample Number: 92120533-001 Date Collected: 06/02/06 13:30 Client Sample ID: MW-1 Matrix: Water Date Received: 06/02/06 14:15

Parameters	Results	Units_	Report Limit		Anal		-	CAS No.	Qual	RegLint
n-Butylbenzene	ND	ug/l	2.5		06/15/06			104-51-8		
sec-Butylbenzene	ND	ug/l	2.5		06/15/06			135-98-8		
tert-Butylbenzene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	98-06-6		
Carbon tetrachloride	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	56-23-5		
Chlorobenzene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	108-90-7		
Chloroethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	75-00-3		
Chloroform	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	67-66-3		
Chloromethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	74-87-3		
2-Chlorotoluene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	95-49-8		
4-Chlorotoluene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.5		06/15/06			96-12-8		
Dibromochloromethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	106-93-4		
Dibromomethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	74-95-3		
1,2-Dichlorobenzene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	95-50-1		
1,3-Dichlorobenzene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	106-46-7		
Dichlorodifluoromethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	75-71-8		
1,1-Dichloroethane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	75-34-3		
1,2-Dichloroethane	ND	ug/l	2.5	5.0	06/15/06	10:11	msf	107-06-2		
1,2-Dichloroethene (Total)	ND	ug/l	0.50	1.0	06/15/06	10:11	MSF	540-59-0		
1,1-Dichloroethene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	75-35-4		
cis-1,2-Dichloroethene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	156-59-2		
trans-1,2-Dichloroethene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	156-60-5		
1,2-Dichloropropane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	78-87 - 5		
1,3-Dichloropropane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	142-28-9		
2,2-Dichloropropane	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	594-20-7		
1,1-Dichloropropene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	563-58-6		
cis-1,3-Dichloropropene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	10061-02-6		
Diisopropyl ether	ND	ug/l	2.5	5.0	06/15/06	10:11	msf	108-20-3		
Ethylbenzene	460	ug/l	2.5	5.0	06/15/06	10:11	MSF	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/l	10.	5.0	06/15/06	10:11	MSF	87-68-3		
Isopropylbenzene (Cumene)	43.	ug/l	2.5	5.0	06/15/06	10:11	MSF	98-82-8		
p-Isopropyltoluene	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	99-87-6		
Methylene chloride	17.	ug/l	10.	5.0	06/15/06	10:11	MSF	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	2.5	5.0	06/15/06	10:11	MSF	1634-04-4		
Naphthalene	370	ug/l	10.	5.0	06/15/06	10:11	MSF	91-20-3		
n-Propylbenzene	110	ug/l	2.5	5.0	06/15/06	10:11	MSF	103-65-1		

Date: 06/19/06 Page: 4 of 25

Asheville Certification IDs NC Wastewater 40 NC Drinking Water 37712 SC Environmental 99030 FL NELAP E87648 REPORT OF LABORATORY ANALYSIS

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Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

1.0 06/15/06 10:11 MSF 17060-07-0

Lab Sample No: 927050096			Project Sample	Number	r: 92120533-001	. I	Date Collected	1: 06/0	2/06 13:30
Client Sample ID: MW-1				Matrix	x: Water		Date Received	1: 06/0	2/06 14:15
Parameters	Results	Units	Report Limit	DF_	Analyzed	Ву	CAS No.	Qual	RegLmt
Styrene	3.0	ug/l	2.5	5.0	06/15/06 10:11	MSF	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	79-34-5		
Tetrachloroethene	2.8	ug/1	2.5	5.0	06/15/06 10:11	MSF	127-18-4		
Toluene	19.	ug/l	2.5	5.0	06/15/06 10:11	MSF	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/l	10.	5.0	06/15/06 10:11	MSF	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/l	10.	5.0	06/15/06 10:11	MSF	120-82-1		
1,1,1-Trichloroethane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	71-55-6		
1,1,2-Trichloroethane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	79-00-5		
Trichloroethene	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	79-01-6		
Trichlorofluoromethane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	75-69-4		
1,2,3-Trichloropropane	ND	ug/l	2.5	5.0	06/15/06 10:11	MSF	96-18-4		
1,2,4-Trimethylbenzene	840	ug/l	2.5	5.0	06/15/06 10:11	MSF	95-63-6		
1,3,5-Trimethylbenzene	260	ug/l	2.5	5.0	06/15/06 10:11	MSF	108-67-8		
Vinyl chloride	ND	ug/l	5.0	10.0	06/15/06 10:11	MSF	75-01-4		
Xylene (Total)	1000	ug/l	0.50	1.0	06/15/06 10:11	MSF	1330-20-7		
m&p-Xylene	790	ug/l	5.0	5.0	06/15/06 10:11	MSF			
o-Xylene	230	ug/l	2.5	5.0	06/15/06 10:11	MSF	95-47-6		
Toluene-d8 (S)	100	%		1.0	06/15/06 10:11	MSF	2037-26-5		
4-Bromofluorobenzene (S)	98	%		1.0	06/15/06 10:11	MSF	460-00-4		
Dibromofluoromethane (S)	100	%		1.0	06/15/06 10:11	MSF	1868-53-7		

Date: 06/19/06

1,2-Dichloroethane-d4 (S)

100

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Phone: 828.254.7176 Fax: 828.252.4618

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

PARAMETER FOOTNOTES

Dilution factor shown represents the factor applied to the reported result and reporting limit due to changes in sample preparation, dilution of the extract, or moisture content

Method 9071B modified to use ASE.

All pH, Free Chlorine, Total Chlorine and Ferrous Iron analyses conducted outside of EPA recommended immediate hold time.

Depending on the moisture content the PRLs can be elevated for all soil samples reported on a dry weight basis.

2-Chloroethyl vinyl ether has been shown to degrade in the presence of acid.

ND Not detected at or above adjusted reporting limit

NC Not Calculable

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

MDL Adjusted Method Detection Limit

(S) Surrogate

[1] The surrogate recovery was outside QC acceptance limits due to matrix interference.

Date: 06/19/06

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Pace Analytical Services, Inc. 9800 Kincey Avenue, Suite 100 Huntersville, NC 28078 Phone: 704.875.9092 Fax: 704.875.9091 Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176

Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

QC Batch: 158907

Analysis Method: EPH

QC Batch Method: EPA 3510

Analysis Description: EPH in Water by Mass. Method

Associated Lab Samples:

927050096

METHOD BLANK: 927054817

Associated Lab Samples:

927050096

		Blank	Reporting
Parameter	Units	Result	Limit Footnotes
Acenaphthene	ug/l	ND	5.0
Acenaphthylene	ug/l	11.	5.0
Anthracene	ug/l	ND	5.0
Aromatic, Adjusted (C11-C22)	ug/l	ND	100
Benzo(k) fluoranthene	ug/l	ND	5.0
Benzo(b) fluoranthene	ug/l	ND	5.0
Benzo(a)anthracene	ug/l	ND	5.0
Benzo(g,h,i)perylene	ug/l	ND	5.0
Senzo (a) pyrene	ug/l	ND	5.0
hrysene	ug/l	ND	5.0
ibenz(a,h)anthracene	ug/l	ND	5.0
luoranthene	ug/l	ND	5.0
luorene	ug/l	ND	5.0
ndeno(1,2,3-cd)pyrene	ug/l	ND	5.0
-Methylnaphthalene	ug/l	ND	5.0
aphthalene	ug/l	ND	5.0
henanthrene	ug/l	ND	5.0
Pyrene	ug/l	ND	5.0
Aliphatic (C09-C18)	ug/l	ND	100
Aliphatic (C19-C36)	ug/l	ND	100
onatriacontane (S)	%	45	
-Terphenyl (S)	%	60	
-Fluorobiphenyl (S)	%	87	
-Bromonaphthalene (S)	%	56	

LABORATORY CONTROL SAMPLE & LCSD: 927054825 927054833

		Spike	LCS	LCSD	LCS	LCSD			
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	RPD	Footnotes	
Acenaphthene	ug/l	50.00	33.32	34.75	67	70	4		

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Asheville Certification IDs NC Wastewater 40 NC Drinking Water 37712 SC Environmental 99030 FL NELAP E87648 REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE & LCSD: 927054825 927054833

		Spike	LCS	LCSD	LCS	LCSD		
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	RPD	Footnotes
Acenaphthylene	ug/l	50.00	37.05	37.99	74	76	3	
Anthracene	ug/l	50.00	42.09	44.33	84	89	5	
Aromatic, Adjusted (C11-C22)	ug/l	850.00	700.7	724.2	82	85	3	
Benzo(k) fluoranthene	ug/l	50.00	43.52	45.54	87	91	5	
Benzo(b) fluoranthene	ug/l	50.00	44.76	47.71	90	95	6	
Benzo(a)anthracene	ug/l	50.00	45.36	47.88	91	96	5	
Benzo(g,h,i)perylene	ug/l	50.00	44.74	43.78	90	88	2	
Benzo(a)pyrene	ug/l	50.00	43.30	45.49	87	91	5	
Chrysene	ug/l	50.00	45.09	47.36	90	95	5	
Dibenz(a,h)anthracene	ug/l	50.00	45.85	45.42	92	91	1	
Fluoranthene	ug/l	50.00	44.80	46.67	90	93	4	
Fluorene	ug/l	50.00	43.29	44.66	87	89	3	
Indeno(1,2,3-cd)pyrene	ug/l	50.00	44.65	44.09	89	88	1	
2-Methylnaphthalene	ug/l	50.00	26.37	27.16	53	54	3	
Naphthalene	ug/l	50.00	24.47	25.08	49	50	2	
Phenanthrene	ug/l	50.00	46.52	47.73	93	96	3	
Pyrene	ug/l	50.00	44.25	46.27	88	92	4	
Aliphatic (C09-C18)	ug/l	300.00	174.5	242.7	58	81	33	1
Aliphatic (C19-C36)	ug/l	400.00	322.9	388.0	81	97	18	
Nonatriacontane (S)					58	66		
o-Terphenyl (S)					84	87		
2-Fluorobiphenyl (S)					92	96		
2-Bromonaphthalene (S)					49	46		

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

QC Batch: 159119 Analysis Method: VPH

QC Batch Method: VPH Analysis Description: VPH in Water by Mass. Method

Associated Lab Samples: 927050096

METHOD BLANK: 927063065

Associated Lab Samples: 927050096

- December 1		Blank	Reporting	•
Parameter	Units	Result	Limit	Footnotes
Aliphatic, Adjusted (C5-C8)	ug/l	ND	100	
Aliphatic, Adjusted (C9-C12)	ug/l	ND	100	
Benzene	ug/l	ND	5.0	
Ethylbenzene	ug/l	ND	5.0	
Methyl-tert-butyl ether	ug/l	ND	15.	
Naphthalene	ug/l	ND	10.	
Toluene	ug/l	ND	15.	
Aromatic (C09-C10)	ug/l	ND	100	
m&p-Xylene	ug/l	ND	20.	
o-Xylene	ug/l	ND	10.	
2,5-Dibromotoluene (PID)(S)	8	125		
2,5-Dibromotoluene (FID)(S)	%	89		

LABORATORY CONTROL SAMPLE & LCSD: 927063073 927063081

		Spike	LCS	LCSD	LCS	LCSD		
Parameter	Units	Conc.	Result	Result	% Rec	% Rec	RPD	Footnotes
Aliphatic, Adjusted (C5-C8)	ug/l	400.00	291.3	315.4	73	79	8	
Aliphatic, Adjusted (C9-C12)	ug/l	100.00	88.26	94.67	88	95	7	
Benzene	ug/l	50.00	48.39	49.10	97	98	1	
Ethylbenzene	ug/l	50.00	49.44	50.16	99	100	1	
Methyl-tert-butyl ether	ug/l	150.00	146.4	144.9	98	97	1	
Naphthalene	ug/l	100.00	90.84	90.06	91	90	1	
Toluene	ug/l	150.00	151.3	153.5	101	102	1	
Aromatic (C09-C10)	ug/l	100.00	95.67	98.31	96	98	3	
m&p-Xylene	ug/l	200.00	193.9	196.7	97	98	1	
o-Xylene	ug/l	100.00	98.13	99.26	98	99	1	
2,5-Dibromotoluene (PID)(S)					128	122		
2,5-Dibromotoluene (FID)(S)					84	84		

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

SAMPLE DUPLICATE: 927063099

		927060293	DUP		
Parameter	Units	Result	Result	RPD	Footnotes
Aliphatic, Adjusted (C5-C8)	ug/l	ND	ND	NC	
Aliphatic, Adjusted (C9-C12)	ug/l	ND	ND	NC	
Benzene	ug/l	ND	ND	NC	
Ethylbenzene	ug/l	ND	ND	NC	
Methyl-tert-butyl ether	ug/l	ND	ND	NC	
Naphthalene	ug/l	ND	ND	NC	
Toluene	ug/l	ND	ND	NC	
Aromatic (C09-C10)	ug/l	ND	ND	NC	
m&p-Xylene	ug/l	ND	ND	NC	
o-Xylene	ug/l	ND	ND	NC	
2,5-Dibromotoluene (PID)(S)	%	107	104		
2,5-Dibromotoluene (FID)(S)	%	89	91		

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

QC Batch: 159080 Analysis Method: EPA 625

QC Batch Method: EPA 625 SF Analysis Description: Extractables in Water by 625

Associated Lab Samples: 927050096

METHOD BLANK: 927061218

Associated Lab Samples: 927050096

		Blank	Reporting
Parameter	Units	Result	Limit Footnotes
Acenaphthene	ug/l	ND	5.0
Acenaphthylene	ug/l	ND	5.0
Anthracene	ug/l	ND	5.0
Benzidine	ug/l	ND	50.
Benzo(k)fluoranthene	ug/l	ND	5.0
Benzo(b)fluoranthene	ug/l	ND	5.0
Benzo(a) anthracene	ug/l	ND	5.0
Benzo(g,h,i)perylene	ug/l	ND	5.0
Benzo(a)pyrene	ug/l	ND	5.0
4-Bromophenylphenyl ether	ug/l	ND	5.0
Butylbenzylphthalate	ug/l	ND	5.0
4-Chloro-3-methylphenol	ug/l	ND	5.0
bis(2-Chloroethoxy)methane	ug/l	ND	5.0
bis(2-Chloroethyl) ether	ug/l	ND	5.0
bis(2-Chloroisopropyl) ether	ug/l	ND	5.0
2-Chloronaphthalene	ug/1	ND	5.0
2-Chlorophenol	ug/l	ND	5.0
4-Chlorophenylphenyl ether	ug/l	ND	5.0
Chrysene	ug/l	ND	5.0
Dibenz(a,h)anthracene	ug/l	ND	5.0
1,2-Dichlorobenzene	ug/l	ND	5.0
1,3-Dichlorobenzene	ug/l	ND	5.0
1,4-Dichlorobenzene	ug/l	ND	5.0
3,3'-Dichlorobenzidine	ug/l	ND	10.
2,4-Dichlorophenol	ug/l	ND	5.0
Diethylphthalate	ug/l	ND	5.0
2,4-Dimethylphenol	ug/l	ND	5.0
Dimethylphthalate	ug/l	ND	5.0
Di-n-butylphthalate	ug/l	ND	5.0
4,6-Dinitro-2-methylphenol	ug/l	ND	25.
2,4-Dinitrophenol	ug/l	ND	25.

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

METHOD BLANK: 927061218

Associated Lab Samples: 927050096

		Blank	Reporting		
Parameter	Units	Result	Limit	Footnotes	
2,4-Dinitrotoluene	ug/l	ND	5.0		
2,6-Dinitrotoluene	ug/l	ND	5.0		
Di-n-octylphthalate	ug/l	ND	5.0		
bis(2-Ethylhexyl)phthalate	ug/l	ND	5.0		
Fluoranthene	ug/l	ND	5.0		
Fluorene	ug/l	ND	5.0		
Hexachloro-1,3-butadiene	ug/l	ND	5.0		
Hexachlorobenzene	ug/l	ND	5.0		
Hexachlorocyclopentadiene	ug/l	ND	10.		
Hexachloroethane	ug/l	ND	5.0		
Indeno(1,2,3-cd)pyrene	ug/l	ND	5.0		
Isophorone	ug/l	ND	5.0		
Naphthalene	ug/l	ND	5.0		
Nitrobenzene	ug/l	ND	5.0		
2-Nitrophenol	ug/l	ND	5.0		
4-Nitrophenol	ug/l	ND	25.		
N-Nitrosodimethylamine	ug/l	ND	5.0		
N-Nitroso-di-n-propylamine	ug/l	ND	5.0		
N-Nitrosodiphenylamine	ug/l	ND	5.0		
Pentachlorophenol	ug/l	ND	25.		
Phenanthrene	ug/l	ND	5.0		
Phenol	ug/l	ND	5.0		
Pyrene	ug/l	ND	5.0		
1,2,4-Trichlorobenzene	ug/l	ND	5.0		
2,4,6-Trichlorophenol	ug/l	ND	5.0		
Nitrobenzene-d5 (S)	%	76			
2-Fluorobiphenyl (S)	%	72			
Terphenyl-d14 (S)	%	86			
Phenol-d5 (S)	%	21			
2-Fluorophenol (S)	%	36			
2,4,6-Tribromophenol (S)	%	78			

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927061226

Parameter Units Conc. Result % Rec Footnotes Acenaphthene ug/1 50.00 30.12 60 Acenaphthylene ug/1 50.00 28.62 57 Anthracene ug/1 50.00 33.52 67 Benzoidine ug/1 50.00 33.20 66 Benzo(k) fluoranthene ug/1 50.00 33.20 66 Benzo(k) fluoranthene ug/1 50.00 33.35 67 Benzo(g), fluoranthene ug/1 50.00 33.35 67 Benzo(g,h,i)perylene ug/1 50.00 34.01 68 Benzo(a)pyrene ug/1 50.00 34.01 68 Benzo(a)pyrene ug/1 50.00 35.07 70 4-bromphenylphenyl ether ug/1 50.00 32.30 65 4-chloro-3-methylphenol ug/1 50.00 32.06 64 bis(2-Chloroethoxy)methane ug/1 50.00 25.54 51 b			Spike	LCS	LCS	
Acenaphthylene ug/l 50.00 28.62 57 Anthracene ug/l 50.00 33.52 67 Benzidine ug/l 100.00 0 0 2 Benzo(k)fluoranthene ug/l 50.00 33.20 66 Benzo(k)fluoranthene ug/l 50.00 33.20 66 Benzo(k)fluoranthene ug/l 50.00 30.22 60 Benzo(a)anthracene ug/l 50.00 30.22 60 Benzo(a)prene ug/l 50.00 34.01 68 Benzo(a)prene ug/l 50.00 34.01 68 Benzo(a)prene ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-4-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy) methane ug/l 50.00 30.86 62 bis (2-Chloroethyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis (2-Chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.33 67 Chrysene ug/l 50.00 31.33 67 Chrysene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 35.80 72 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,4-Dichlorobenzene ug/l 50.00 34.31 69 2,4-Dimthylphthalate ug/l 50.00 34.31 69 2,4-Dimthylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.33 68 2,4-Dinitrooluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene	Parameter	Units	Conc.	Result	% Rec	Footnotes
Anthracene ug/l 50.00 33.52 67 Benzidine ug/l 100.00 0 0 2 Benzo(k)fluoranthene ug/l 50.00 33.20 66 Benzo(b)fluoranthene ug/l 50.00 33.20 66 Benzo(a)anthracene ug/l 50.00 33.35 67 Benzo(a)mthracene ug/l 50.00 33.35 67 Benzo(a)mthracene ug/l 50.00 34.01 68 Benzo(a)pyrene ug/l 50.00 34.01 68 Benzo(a)pyrene ug/l 50.00 34.01 68 Benzo(a)pyrene ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy)methane ug/l 50.00 32.06 64 bis (2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.66 60 2-Chlorophenol ug/l 50.00 34.50 69 Chrysene ug/l 50.00 34.50 69 Chrysene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 34.31 69 2,4-Dinthrophenol ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 34.31 69 2,4-Dimitrophenol ug/l 50.00 34.33 69 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.96 66 Di-n-otylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene	Acenaphthene	ug/l	50.00	30.12	60	
Benzidine ug/l 100.00 0 0 2 Benzo (k) fluoranthene ug/l 50.00 33.20 66 Benzo (b) fluoranthene ug/l 50.00 33.20 66 Benzo (a) anthracene ug/l 50.00 30.22 60 Benzo (a) anthracene ug/l 50.00 33.35 67 Benzo (a) pyrene ug/l 50.00 34.01 68 Benzo (a) pyrene ug/l 50.00 35.07 70 4-Bromophenylphenyl ether ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy)methane ug/l 50.00 32.06 64 bis (2-Chloroethoxy)methane ug/l 50.00 30.86 62 bis (2-Chloroispropyl) ether ug/l 50.00 25.54 51 bis (2-Chloroispropyl) ether ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.33 67 Dibenz (a, h) anthracene ug/l 50.00 33.33 67 Dibenz (a, h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 35.80 72 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.73 68	Acenaphthylene	ug/l	50.00	28.62	57	
Benzo (k) fluoranthene ug/l 50.00 33.20 66 Benzo (b) fluoranthene ug/l 50.00 30.22 60 Benzo (a) anthracene ug/l 50.00 33.35 67 Benzo (a) perylene ug/l 50.00 34.01 68 Benzo (a) pyrene ug/l 50.00 34.01 68 Benzo (a) pyrene ug/l 50.00 35.07 70 4-Bromophenylphenyl ether ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-dhoxy)methane ug/l 50.00 32.06 64 bis (2-Chloroethoxy)methane ug/l 50.00 30.86 62 bis (2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.50 69 Chrysene ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz (a, h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 35.80 72 1,4-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 34.31 69 2,4-Dichlorobenol ug/l 50.00 34.31 69 2,4-Dichlorobenol ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,6-Dinitrobluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene	Anthracene	ug/l	50.00	33.52	67	
Benzo (b) fluoranthene ug/l 50.00 30.22 60 Benzo (a) anthracene ug/l 50.00 33.35 67 Benzo (a) perylene ug/l 50.00 34.01 68 Benzo (a) perylene ug/l 50.00 35.07 70 A-Broophenylphenyl ether ug/l 50.00 35.07 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy) methane ug/l 50.00 32.06 64 bis (2-Chloroethyl) ether ug/l 50.00 30.86 62 bis (2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.66 60 2-Chlorophenol ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 37.80 69 Chrysene ug/l 50.00 33.38 67 Dibenz (a, h) anthracene ug/l 50.00 33.58 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 31.88 42 3,3'-Dichlorobenzene ug/l 50.00 31.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dichlorophenol ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 16-Din-n-octylphthalate ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68	Benzidine	ug/l	100.00	0	0	2
Benzo (a) anthracene ug/l 50.00 33.35 67 Benzo (g,h,i) perylene ug/l 50.00 34.01 68 Benzo (a) pyrene ug/l 50.00 35.07 70 4-Bromophenylphenyl ether ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy) methane ug/l 50.00 32.06 62 bis (2-Chloroethoxy) methane ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.6 60 2-Chlorophenol ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz (a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 35.80 72 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 32.96 66 Dimethylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.33 68 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl) phthalate ug/l 50.00 32.63 65	Benzo(k) fluoranthene	ug/l	50.00	33.20	66	
Benzo(g,h,i)perylene ug/l 50.00 34.01 68 Benzo(a)pyrene ug/l 50.00 35.07 70 4-Bromophenylphenyl ether ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.30 65 4-Chloro-dhoxy)methane ug/l 50.00 32.36 64 bis(2-Chloroethoxy)methane ug/l 50.00 32.36 62 bis(2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis(2-Chloroisopropyl) ether ug/l 50.00 30.86 62 chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.777 36 4-Chlorophenylphenyl ether ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 33.33 67 Dibenz(a,h) anthracene ug/l 50.00 33.33 67 Dibenz(a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene	Benzo(b) fluoranthene	ug/l	50.00	30.22	60	
Benzo(a) pyrene ug/l 50.00 35.07 70 4-Bromophenylphenyl ether ug/l 50.00 34.98 70 Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis(2-Chloroethoxy)methane ug/l 50.00 30.86 62 bis(2-Chloroisopropyl) ether ug/l 50.00 25.54 51 bis(2-Chloroisopropyl) ether ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.777 36 4-Chlorophenylphenyl ether ug/l 50.00 31.6 60 2-Chlorophenylphenyl ether ug/l 50.00 31.777 36 4-Chlorophenylphenyl ether ug/l 50.00 33.33 67 Dibenz(a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 35.80 72 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorophenol ug/l 50.00 31.31 69 2,4-Dimethylphthalate ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 30.59 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Benzo (a) anthracene	ug/l	50.00	33.35	67	
### A-Bromophenylphenyl ether	Benzo(g,h,i)perylene	ug/l	50.00	34.01	68	
Butylbenzylphthalate ug/l 50.00 32.30 65 4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis(2-Chloroethoxy)methane ug/l 50.00 30.86 62 bis(2-Chloroethyl) ether ug/l 50.00 25.54 51 bis(2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 31.77 36 4-Chlorophenyl ether ug/l 50.00 31.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz(a,h)anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.18 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitrophenol ug/l 50.00 34.37 69 4,6-Dinitrophenol ug/l 50.00 34.37 69 4,6-Dinitrophenol ug/l 50.00 34.37 69 2,4-Dinitrophenol ug/l 50.00 34.37 69 4,6-Dinitrotoluene ug/l 50.00 34.33 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Benzo(a)pyrene	ug/l	50.00	35.07	70	
4-Chloro-3-methylphenol ug/l 50.00 32.06 64 bis (2-Chloroethoxy)methane ug/l 50.00 30.86 62 bis (2-Chloroethyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 37.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz (a, h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.50 67	4-Bromophenylphenyl ether	ug/l	50.00	34.98	70	
bis (2-Chloroethoxy) methane ug/l 50.00 30.86 62 bis (2-Chloroethyl) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 17.77 36 4-Chlorophenol ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz(a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzene ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.42 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Butylbenzylphthalate	ug/l	50.00	32.30	65	
bis (2-Chloroethy1) ether ug/l 50.00 25.54 51 bis (2-Chloroisopropy1) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 17.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz (a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorophenol ug/l 50.00 21.19 42 3,3'-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	4-Chloro-3-methylphenol	ug/l	50.00	32.06	64	
bis (2-Chloroisopropyl) ether ug/l 50.00 26.97 54 2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 17.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 34.03 68 2,4-Dinitrotoluene ug/l 50.00 32.43 65 bis (2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.50 67	bis(2-Chloroethoxy)methane	ug/l	50.00	30.86	62	
2-Chloronaphthalene ug/l 50.00 30.16 60 2-Chlorophenol ug/l 50.00 17.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 35.80 72 Dibenz(a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitroblene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 Dis(2-Ethylhexyl)phthalate ug/l 50.00 32.43 65 Dis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	bis(2-Chloroethyl) ether	ug/l	50.00	25.54	51	
2-Chlorophenol ug/l 50.00 17.77 36 4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz(a,h)anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 17.76 36 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	bis(2-Chloroisopropyl) ether	ug/l	50.00	26.97	54	
4-Chlorophenylphenyl ether ug/l 50.00 34.50 69 Chrysene ug/l 50.00 33.33 67 Dibenz(a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2-Chloronaphthalene	ug/l	50.00	30.16	60	
Chrysene ug/l 50.00 33.33 67 Dibenz(a,h)anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorobenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2-Chlorophenol	ug/l	50.00	17.77	36	
Dibenz (a,h) anthracene ug/l 50.00 35.80 72 1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	4-Chlorophenylphenyl ether	ug/l	50.00	34.50	69	
1,2-Dichlorobenzene ug/l 50.00 22.90 46 1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Chrysene	ug/l	50.00	33.33	67	
1,3-Dichlorobenzene ug/l 50.00 20.10 40 1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Dibenz(a,h)anthracene	ug/l	50.00	35.80	72	
1,4-Dichlorobenzene ug/l 50.00 21.19 42 3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 34.03 68 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	1,2-Dichlorobenzene	ug/l	50.00	22.90	46	
3,3'-Dichlorobenzidine ug/l 100.00 28.45 28 2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	1,3-Dichlorobenzene	ug/l	50.00	20.10	40	
2,4-Dichlorophenol ug/l 50.00 21.88 44 Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	1,4-Dichlorobenzene	ug/l	50.00	21.19	42	
Diethylphthalate ug/l 50.00 34.31 69 2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	3,3'-Dichlorobenzidine	ug/l	100.00	28.45	28	
2,4-Dimethylphenol ug/l 50.00 30.59 61 Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2,4-Dichlorophenol	ug/l	50.00	21.88	44	
Dimethylphthalate ug/l 50.00 32.96 66 Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Diethylphthalate	ug/l	50.00	34.31	69	
Di-n-butylphthalate ug/l 50.00 34.37 69 4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2,4-Dimethylphenol	ug/l	50.00	30.59	61	
4,6-Dinitro-2-methylphenol ug/l 50.00 17.76 36 2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Dimethylphthalate	ug/l	50.00	32.96	66	
2,4-Dinitrophenol ug/l 50.00 0 0 2 2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	Di-n-butylphthalate	ug/l	50.00	34.37	69	
2,4-Dinitrotoluene ug/l 50.00 34.03 68 2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	4,6-Dinitro-2-methylphenol	ug/l	50.00	17.76	36	
2,6-Dinitrotoluene ug/l 50.00 24.24 48 Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2,4-Dinitrophenol	ug/l	50.00	0	0	2
Di-n-octylphthalate ug/l 50.00 32.43 65 bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2,4-Dinitrotoluene	ug/l	50.00	34.03	68	
bis(2-Ethylhexyl)phthalate ug/l 50.00 33.50 67 Fluoranthene ug/l 50.00 33.73 68	2,6-Dinitrotoluene	ug/l	50.00	24.24	48	
Fluoranthene ug/1 50.00 33.73 68	Di-n-octylphthalate	ug/l	50.00	32.43	65	
23/-	bis(2-Ethylhexyl)phthalate	ug/l	50.00	33.50	67	
Fluorene ug/1 50.00 31.35 63	Fluoranthene	ug/l	50.00	33.73	68	
	Fluorene	ug/l	50.00	31.35	63	

Date: 06/19/06

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Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP E87648

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc. 9800 Kincey Avenue, Suite 100 Huntersville, NC 28078 Phone: 704.875.9092

Fax: 704.875.9091

Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927061226

Maria de Mar		LCS	LCS	
Parameter Uni	ts Conc.	Result	% Rec	Footnotes
Hexachloro-1,3-butadiene ug/	1 50.00	24.72	49	
Hexachlorobenzene ug/	1 50.00	35.21	70	
Hexachlorocyclopentadiene ug/	50.00	13.06	26	
Hexachloroethane ug/	1 50.00	19.63	39	2
Indeno(1,2,3-cd)pyrene ug/	1 50.00	34.63	69	
Isophorone ug/	1 50.00	61.73	123	
Naphthalene ug/	1 50.00	28.19	56	
Nitrobenzene ug/	L 50.00	32.57	65	
2-Nitrophenol ug/	L 50.00	18.74	38	
4-Nitrophenol ug/	L 50.00	5.835	12	
N-Nitrosodimethylamine ug/	L 50.00	11.27	22	
N-Nitroso-di-n-propylamine ug/	L 50.00	31.66	63	
N-Nitrosodiphenylamine ug/	L 50.00	32.72	65	
Pentachlorophenol ug/	L 50.00	1.559	3	2
Phenanthrene ug/	L 50.00	32.26	64	
Phenol ug/	L 50.00	9.099	18	
Pyrene ug/I	50.00	31.39	63	
1,2,4-Trichlorobenzene ug/l	50.00	30.41	61	
2,4,6-Trichlorophenol ug/l	50.00	14.54	29	2
Nitrobenzene-d5 (S)			67	
2-Fluorobiphenyl (S)			65	
Terphenyl-d14 (S)			67	
Phenol-d5 (S)			18	
2-Fluorophenol (S)			15	
2,4,6-Tribromophenol (S)			24	

LABORATORY CONTROL SAMPLE: 927072462

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Acenaphthene	ug/l	50.00	30.55	61	
Acenaphthylene	ug/l	50.00	27.97	56	
Anthracene	ug/l	50.00	33.70	67	
Benzidine	ug/l	100.00	3.810	4	2
Benzo(k) fluoranthene	ug/l	50.00	30.30	61	
Benzo(b) fluoranthene	ug/l	50.00	31.47	63	

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> Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927072462

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Benzo (a) anthracene	ug/l	50.00	32.21	64	
Benzo(g,h,i)perylene	ug/l	50.00	33.69	67	
Benzo(a)pyrene	ug/l	50.00	34.22	68	
4-Bromophenylphenyl ether	ug/l	50.00	34.05	68	
Butylbenzylphthalate	ug/l	50.00	31.35	63	
4-Chloro-3-methylphenol	ug/l	50.00	34.83	70	
bis(2-Chloroethoxy)methane	ug/l	50.00	31.71	63	
bis(2-Chloroethyl) ether	ug/l	50.00	28.61	57	
bis(2-Chloroisopropyl) ether	ug/l	50.00	29.98	60	
2-Chloronaphthalene	ug/l	50.00	31.12	62	
2-Chlorophenol	ug/l	50.00	28.04	56	
4-Chlorophenylphenyl ether	ug/l	50.00	34.38	69	
Chrysene	ug/l	50.00	32.10	64	
Dibenz(a,h)anthracene	ug/l	50.00	35.32	71	
1,2-Dichlorobenzene	ug/l	50.00	26.46	53	
1,3-Dichlorobenzene	ug/l	50.00	24.00	48	
1,4-Dichlorobenzene	ug/l	50.00	25.21	50	
3,3'-Dichlorobenzidine	ug/l	100.00	25.63	26	
2,4-Dichlorophenol	ug/l	50.00	35.14	70	
Diethylphthalate	ug/l	50.00	33.78	68	
2,4-Dimethylphenol	ug/l	50.00	32.64	65	
Dimethylphthalate	ug/l	50.00	33.03	66	
Di-n-butylphthalate	ug/l	50.00	34.55	69	
4,6-Dinitro-2-methylphenol	ug/l	50.00	10.31	21	
2,4-Dinitrophenol	ug/l	50.00	3.280	7	
2,4-Dinitrotoluene	ug/l	50.00	33.25	66	
2,6-Dinitrotoluene	ug/l	50.00	25.13	50	
Di-n-octylphthalate	ug/l	50.00	30.90	62	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	31.20	62	
Fluoranthene	ug/l	50.00	32.80	66	
Fluorene	ug/l	50.00	30.89	62	
Hexachloro-1,3-butadiene	ug/l	50.00	28.92	58	
Hexachlorobenzene	ug/l	50.00	34.87	70	
Hexachlorocyclopentadiene	ug/l	50.00	14.74	30	
Hexachloroethane	ug/l	50.00	23.71	47	
Indeno(1,2,3-cd)pyrene	ug/l	50.00	34.27	68	
Isophorone	ug/l	50.00	63.34	127	

Date: 06/19/06 Page: 15 of 25

Asheville Certification IDs
NC Wastewater 40
NC Drinking Water 37712
SC Environmental 99030
FL NELAP 887648

REPORT OF LABORATORY ANALYSIS

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> Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927072462

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Naphthalene	ug/l	50.00	29.92	60	
Nitrobenzene	ug/l	50.00	35.76	72	
2-Nitrophenol	ug/l	50.00	31.90	64	
4-Nitrophenol	ug/l	50.00	6.197	12	
N-Nitrosodimethylamine	ug/l	50.00	12.70	25	
N-Nitroso-di-n-propylamine	ug/l	50.00	33.17	66	
N-Nitrosodiphenylamine	ug/l	50.00	18.97	38	
Pentachlorophenol	ug/l	50.00	9.353	19	
Phenanthrene	ug/l	50.00	31.32	63	
Phenol	ug/l	50.00	11.06	22	
Pyrene	ug/l	50.00	31.45	63	
1,2,4-Trichlorobenzene	ug/l	50.00	33.31	67	
2,4,6-Trichlorophenol	ug/l	50.00	27.82	56	
Nitrobenzene-d5 (S)				69	
2-Fluorobiphenyl (S)				64	
Terphenyl-d14 (S)				63	
Phenol-d5 (S)				21	
2-Fluorophenol (S)				30	
2,4,6-Tribromophenol (S)				59	

LABORATORY CONTROL SAMPLE: 927078634

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Acenaphthene	ug/l	50.00	32.67	65	
Acenaphthylene	ug/l	50.00	31.35	63	
Anthracene	ug/l	50.00	39.82	80	
Benzidine	ug/l	100.00	1.480	1	2
Benzo(k)fluoranthene	ug/l	50.00	39.28	79	
Benzo(b) fluoranthene	ug/l	50.00	35.83	72	
Benzo(a) anthracene	ug/l	50.00	41.03	82	
Benzo(g,h,i)perylene	ug/l	50.00	43.63	87	
Benzo(a)pyrene	ug/l	50.00	41.68	83	
4-Bromophenylphenyl ether	ug/l	50.00	42.51	85	
Butylbenzylphthalate	ug/l	50.00	38.37	77	
4-Chloro-3-methylphenol	ug/l	50.00	40.27	80	

Date: 06/19/06 Page: 16 of 25

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927078634

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
bis(2-Chloroethoxy)methane	ug/l	50.00	24.42	49	
bis(2-Chloroethyl) ether	ug/l	50.00	21.61	43	
bis(2-Chloroisopropyl) ether	ug/l	50.00	21.12	42	
2-Chloronaphthalene	ug/l	50.00	33.15	66	
2-Chlorophenol	ug/l	50.00	19.95	40	
4-Chlorophenylphenyl ether	ug/l	50.00	41.28	83	
Chrysene	ug/l	50.00	40.20	80	
Dibenz(a,h)anthracene	ug/l	50.00	46.03	92	
1,2-Dichlorobenzene	ug/l	50.00	18.11	36	
1,3-Dichlorobenzene	ug/l	50.00	16.13	32	
1,4-Dichlorobenzene	ug/l	50.00	16.37	33	
3,3'-Dichlorobenzidine	ug/l	100.00	37.77	38	
2,4-Dichlorophenol	ug/l	50.00	30.66	61	
Diethylphthalate	ug/l	50.00	40.50	81	
2,4-Dimethylphenol	ug/l	50.00	16.24	32	
Dimethylphthalate	ug/l	50.00	40.66	81	
Di-n-butylphthalate	ug/l	50.00	39.59	79	
4,6-Dinitro-2-methylphenol	ug/l	50.00	44.67	89	
2,4-Dinitrophenol	ug/l	50.00	24.92	50	
2,4-Dinitrotoluene	ug/l	50.00	41.82	84	
2,6-Dinitrotoluene	ug/l	50.00	28.59	57	
Di-n-octylphthalate	ug/l	50.00	39.10	78	
bis(2-Ethylhexyl)phthalate	ug/l	50.00	40.92	82	
Fluoranthene	ug/l	50.00	40.11	80	
Fluorene	ug/l	50.00	36.77	74	
Hexachloro-1,3-butadiene	ug/l	50.00	20.20	40	
Hexachlorobenzene	ug/l	50.00	44.04	88	
Hexachlorocyclopentadiene	ug/l	50.00	9.050	18	
Hexachloroethane	ug/l	50.00	20.47	41	
Indeno(1,2,3-cd)pyrene	ug/l	50.00	44.26	88	
Isophorone	ug/l	50.00	55.03	110	
Naphthalene	ug/l	50.00	21.78	44	
Nitrobenzene	ug/l	50.00	27.20	54	
2-Nitrophenol	ug/l	50.00	24.82	50	
4-Nitrophenol	ug/l	50.00	15.31	31	
N-Nitrosodimethylamine	ug/l	50.00	11.08	22	
N-Nitroso-di-n-propylamine	ug/l	50.00	26.33	53	

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Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804 Phone: 828.254.7176

Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927078634

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
N-Nitrosodiphenylamine	ug/l	50.00	42.76	86	
Pentachlorophenol	ug/l	50.00	32.62	65	
Phenanthrene	ug/l	50.00	38.87	78	
Phenol	ug/l	50.00	8.644	17	
Pyrene	ug/l	50.00	40.47	81	
1,2,4-Trichlorobenzene	ug/l	50.00	23.81	48	
2,4,6-Trichlorophenol	ug/l	50.00	37.34	75	
Nitrobenzene-d5 (S)				53	
2-Fluorobiphenyl (S)				62	
Terphenyl-d14 (S)				85	
Phenol-d5 (S)				17	
2-Fluorophenol (S)				23	
2,4,6-Tribromophenol (S)				89	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 927061234 927061242

		927050096	Spike	MS	MSD	MS	MSD		
Parameter	Units	Result	Conc.	Result	Result	%_Rec	% Rec	RPD	Footnotes
Acenaphthene	ug/l	0	100.00	58.69	71.89	59	72	20	
Acenaphthylene	ug/l	0	100.00	58.54	72.49	58	72	21	
Anthracene	ug/l	0	100.00	64.58	76.53	65	76	17	
Benzidine	ug/l	0	200.00	0	0	0	0	0	2,2
Benzo(k)fluoranthene	ug/l	0	100.00	73.81	96.50	74	96	27	
Benzo(b) fluoranthene	ug/l	0	100.00	74.71	81.97	75	82	9	
Benzo(a)anthracene	ug/l	0	100.00	58.19	71.95	58	72	21	
Benzo(g,h,i)perylene	ug/l	0	100.00	20.73	24.27	21	24	16	
Benzo(a)pyrene	ug/l	0	100.00	64.53	78.85	64	79	20	
4-Bromophenylphenyl ether	ug/l	0	100.00	74.09	91.69	74	92	21	
Butylbenzylphthalate	ug/l	0	100.00	54.41	67.32	54	67	21	
4-Chloro-3-methylphenol	ug/l	0	100.00	61.97	72.27	62	72	15	
bis(2-Chloroethoxy)methane	ug/l	0	100.00	45.65	49.14	46	49	7	
bis(2-Chloroethyl) ether	ug/l	0	100.00	129.0	140.8	129	141	9	
bis(2-Chloroisopropyl) ether	ug/l	0	100.00	43.45	53.33	43	53	20	
2-Chloronaphthalene	ug/l	0	100.00	60.00	75.35	60	75	23	
2-Chlorophenol	ug/l	0	100.00	69.00	78.17	69	78	12	
4-Chlorophenylphenyl ether	ug/l	0	100.00	74.09	89.85	74	90	19	

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Pace Analytical Services, Inc.

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 927061234 927061242

		927050096	Spike	MS	MSD	MS	MSD		
Parameter	Units	Result	Conc.	Result	Result	% Rec	% Rec	RPD	Footnotes
Chrysene	ug/l	0	100.00	59.33	72.97	59	73	21	
Dibenz(a,h)anthracene	ug/l	0	100.00	30.05	35.31	30	35	16	
1,2-Dichlorobenzene	ug/l	0	100.00	47.90	56.90	48	57	17	
1,3-Dichlorobenzene	ug/l	0	100.00	39.66	46.40	40	46	16	
1,4-Dichlorobenzene	ug/l	0	100.00	42.98	50.00	43	50	15	
3,3'-Dichlorobenzidine	ug/l	0	100.00	18.58	26.19	19	26	34	3
2,4-Dichlorophenol	ug/l	0	100.00	66.87	76.41	67	76	13	
Diethylphthalate	ug/l	3.689	100.00	63.72	79.32	60	76	22	
2,4-Dimethylphenol	ug/l	0	100.00	42.65	39.90	43	40	7	
Dimethylphthalate	ug/l	0	100.00	58.40	73.76	58	74	23	
Di-n-butylphthalate	ug/l	0	100.00	55.38	66.20	55	66	18	
4,6-Dinitro-2-methylphenol	ug/l	0	100.00	7.018	8.850	7	9	23	
2,4-Dinitrophenol	ug/l	0	100.00	17.97	17.94	18	18	0	
2,4-Dinitrotoluene	ug/l	0	100.00	66.58	81.91	67	82	21	
2,6-Dinitrotoluene	ug/l	0	100.00	58.95	75.26	59	75	24	
Di-n-octylphthalate	ug/l	0	100.00	45.69	57.77	46	58	23	
bis(2-Ethylhexyl)phthalate	ug/l	0	100.00	55.22	68.68	55	69	22	
Fluoranthene	ug/l	0	100.00	56.04	65.91	56	66	16	
Fluorene	ug/l	0	100.00	71.19	87.68	71	88	21	
Hexachloro-1,3-butadiene	ug/l	0	100.00	50.06	57.81	50	58	14	
Hexachlorobenzene	ug/l	0	100.00	80.54	91.29	80	91	13	
Hexachlorocyclopentadiene	ug/l	0	100.00	20.49	22.50	20	22	9	
Hexachloroethane	ug/l	0	100.00	104.8	125.3	105	125	18	4
Indeno(1,2,3-cd)pyrene	ug/l	0	100.00	27.81	33.03	28	33	17	
Isophorone	ug/l	0	100.00	84.69	96.70	85	97	13	
Naphthalene	ug/l	230.7	100.00	306.8	348.2	76	118	13	
Nitrobenzene	ug/l	0	100.00	53.62	58.45	54	58	9	
2-Nitrophenol	ug/l	0	100.00	52.46	59.15	52	59	12	
4-Nitrophenol	ug/l	0	100.00	35.93	41.67	36	42	15	
N-Nitrosodimethylamine	ug/l	0	100.00	35.30	40.65	35	41	14	
N-Nitroso-di-n-propylamine	ug/l	0	100.00	48.47	58.93	48	59	19	
N-Nitrosodiphenylamine	ug/l	0	100.00	53.24	65.11	53	65	20	
Pentachlorophenol	ug/l	0	100.00	73.75	84.64	74	85	14	
Phenanthrene	ug/l	0	100.00	62.53	75.04	62	75	18	
Phenol	ug/l	0	100.00	22.33	28.28	22	28	23	
Pyrene	ug/l	0	100.00	68.74	82.99	69	83	19	
1,2,4-Trichlorobenzene	ug/l	0	100.00	55.32	63.08	55	63	13	

Date: 06/19/06

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Asheville Certification IDs NC Wastewater 40 NC Drinking Water 37712 SC Environmental 99030 FL NELAP E87648



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Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804

> Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 927061234 927061242

		927050096	Spike	MS	MSD	MS	MSD		
Parameter	Units	Result	Conc.	Result	Result	% Rec	% Rec	RPD	Footnotes
2,4,6-Trichlorophenol	ug/l	0	100.00	68.75	88.28	69	88	25	
Nitrobenzene-d5 (S)						48	52		
2-Fluorobiphenyl (S)						60	75		
Terphenyl-d14 (S)						77	83		
Phenol-d5 (S)						24	29		
2-Fluorophenol (S)						47	56		
2,4,6-Tribromophenol (S)						90	106		

Date: 06/19/06

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Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

QC Batch: 159637 Analysis Method: EPA 8260

QC Batch Method: EPA 8260 Analysis Description: 6230 VOCs by 8260, low level

Associated Lab Samples: 927050096

METHOD BLANK: 927085795

Associated Lab Samples: 927050096

		Blank	Reporting
Parameter	Units	Result	Limit Footnotes
Benzene	ug/l	ND	0.50
Bromobenzene	ug/l	ND	0.50
Bromochloromethane	ug/l	ND	0.50
Bromodichloromethane	ug/l	ND	0.50
Bromoform	ug/l	ND	0.50
Bromomethane	ug/l	ND	0.50
n-Butylbenzene	ug/l	ND	0.50
sec-Butylbenzene	ug/l	ND	0.50
tert-Butylbenzene	ug/l	ND	0.50
Carbon tetrachloride	ug/l	ND	0.50
Chlorobenzene	ug/l	ND	0.50
Chloroethane	ug/l	ND	0.50
Chloroform	ug/l	ND	0.50
Chloromethane	ug/l	ND	0.50
2-Chlorotoluene	ug/l	ND	0.50
4-Chlorotoluene	ug/l	ND	0.50
1,2-Dibromo-3-chloropropane	ug/l	ND	0.50
Dibromochloromethane	ug/l	ND	0.50
1,2-Dibromoethane (EDB)	ug/l	ND	0.50
Dibromomethane	ug/l	ND	0.50
1,2-Dichlorobenzene	ug/l	ND	0.50
1,3-Dichlorobenzene	ug/l	ND	0.50
1,4-Dichlorobenzene	ug/l	ND	0.50
Dichlorodifluoromethane	ug/l	ND	0.50
1,1-Dichloroethane	ug/l	ND	0.50
1,2-Dichloroethane	ug/l	ND	0.50
1,2-Dichloroethene (Total)	ug/l	ND	0.50
1,1-Dichloroethene	ug/l	ND	0.50
cis-1,2-Dichloroethene	ug/l	ND	0.50
trans-1,2-Dichloroethene	ug/l	ND	0.50
1,2-Dichloropropane	ug/l	ND	0.50

Date: 06/19/06 Page: 21 of 25

Asheville Certification IDs NC Wastewater 40 NC Drinking Water 37712 SC Environmental 99030 FL NELAP E87648 REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

METHOD BLANK: 927085795

Associated Lab Samples: 927050096

		Blank	Reporting
Parameter	Units	Result	Limit Footnotes
1,3-Dichloropropane	ug/l	ND	0.50
2,2-Dichloropropane	ug/l	ND	0.50
1,1-Dichloropropene	ug/l	ND	0.50
cis-1,3-Dichloropropene	ug/l	ND	0.50
trans-1,3-Dichloropropene	ug/l	ND	0.50
Diisopropyl ether	ug/l	ND	0.50
Ethylbenzene	ug/l	ND	0.50
Hexachloro-1,3-butadiene	ug/l	ND	2.0
Isopropylbenzene (Cumene)	ug/l	ND	0.50
p-Isopropyltoluene	ug/l	ND	0.50
Methylene chloride	ug/l	ND	2.0
Methyl-tert-butyl ether	ug/l	ND	0.50
Naphthalene	ug/l	ND	2.0
n-Propylbenzene	ug/l	ND	0.50
Styrene	ug/l	ND	0.50
1,1,1,2-Tetrachloroethane	ug/l	ND	0.50
1,1,2,2-Tetrachloroethane	ug/l	ND	0.50
Tetrachloroethene	ug/l	ND	0.50
Toluene	ug/l	ND	0.50
1,2,3-Trichlorobenzene	ug/l	ND	2.0
1,2,4-Trichlorobenzene	ug/l	ND	2.0
1,1,1-Trichloroethane	ug/l	ND	0.50
1,1,2-Trichloroethane	ug/l	ND	0.50
Trichloroethene	ug/l	ND	0.50
Trichlorofluoromethane	ug/l	ND	0.50
1,2,3-Trichloropropane	ug/l	ND	0.50
1,2,4-Trimethylbenzene	ug/l	ND	0.50
1,3,5-Trimethylbenzene	ug/l	ND	0.50
Vinyl chloride	ug/l	ND	1.0
Xylene (Total)	ug/l	ND	0.50
m&p-Xylene	ug/l	ND	1.0
o-Xylene	ug/l	ND	0.50
Toluene-d8 (S)	%	100	
4-Bromofluorobenzene (S)	%	100	
Dibromofluoromethane (S)	%	103	
1,2-Dichloroethane-d4 (S)	%	104	

Date: 06/19/06

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hone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927085803

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Benzene	ug/l	50.00	52.51	105	
Bromobenzene	ug/l	50.00	53.70	107	
Bromochloromethane	ug/l	50.00	48.88	98	
Bromodichloromethane	ug/l	50.00	51.14	102	
Bromoform	ug/l	50.00	50.65	101	
Bromomethane	ug/l	50.00	59.20	118	
n-Butylbenzene	ug/l	50.00	41.16	82	
sec-Butylbenzene	ug/l	50.00	46.48	93	
tert-Butylbenzene	ug/l	50.00	48.18	96	
Carbon tetrachloride	ug/l	50.00	54.87	110	
Chlorobenzene	ug/l	50.00	52.83	106	
Chloroethane	ug/l	50.00	44.27	88	
Chloroform	ug/l	50.00	51.23	102	
Chloromethane	ug/l	50.00	41.93	84	
2-Chlorotoluene	ug/l	50.00	53.10	106	
4-Chlorotoluene	ug/l	50.00	47.92	96	
1,2-Dibromo-3-chloropropane	ug/l	50.00	48.47	97	
Dibromochloromethane	ug/l	50.00	49.28	99	
1,2-Dibromoethane (EDB)	ug/l	50.00	51.56	103	
Dibromomethane	ug/l	50.00	50.77	102	
1,2-Dichlorobenzene	ug/l	50.00	53.12	106	
1,3-Dichlorobenzene	ug/l	50.00	53.22	106	
1,4-Dichlorobenzene	ug/l	50.00	49.12	98	
Dichlorodifluoromethane	ug/l	50.00	35.95	72	
1,1-Dichloroethane	ug/l	50.00	50.51	101	
1,2-Dichloroethane	ug/l	50.00	50.01	100	
1,2-Dichloroethene (Total)	ug/l	100.00	105.1	105	
1,1-Dichloroethene	ug/l	50.00	54.89	110	
cis-1,2-Dichloroethene	ug/l	50.00	50.34	101	
trans-1,2-Dichloroethene	ug/l	50.00	54.77	110	
1,2-Dichloropropane	ug/l	50.00	50.18	100	
1,3-Dichloropropane	ug/l	50.00	51.09	102	
2,2-Dichloropropane	ug/l	50.00	49.23	98	
1,1-Dichloropropene	ug/l	50.00	51.64	103	
cis-1,3-Dichloropropene	ug/l	50.00	46.43	93	
trans-1,3-Dichloropropene	ug/l	50.00	48.18	96	
Diisopropyl ether	ug/1	50.00	50.33	101	

Date: 06/19/06 Page: 23 of 25



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> Phone: 828.254.7176 Fax: 828.252.4618

QUALITY CONTROL DATA

Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

LABORATORY CONTROL SAMPLE: 927085803

		Spike	LCS	LCS	
Parameter	Units	Conc.	Result	% Rec	Footnotes
Ethylbenzene	ug/l	50.00	53.53	107	
Hexachloro-1,3-butadiene	ug/l	50.00	49.41	99	
Isopropylbenzene (Cumene)	ug/l	50.00	49.70	99	
p-Isopropyltoluene	ug/l	50.00	42.59	85	
Methylene chloride	ug/l	50.00	48.44	97	
Methyl-tert-butyl ether	ug/l	50.00	47.23	94	
Naphthalene	ug/l	50.00	48.63	97	
n-Propylbenzene	ug/l	50.00	53.25	107	
Styrene	ug/l	50.00	50.32	101	
1,1,1,2-Tetrachloroethane	ug/l	50.00	52.39	105	
1,1,2,2-Tetrachloroethane	ug/l	50.00	52.41	105	
Tetrachloroethene	ug/l	50.00	51.36	103	
Toluene	ug/l	50.00	51.27	103	
1,2,3-Trichlorobenzene	ug/l	50.00	51.37	103	
1,2,4-Trichlorobenzene	ug/l	50.00	50.34	101	
1,1,1-Trichloroethane	ug/l	50.00	52.36	105	
1,1,2-Trichloroethane	ug/l	50.00	52.13	104	
Trichloroethene	ug/l	50.00	54.99	110	
Trichlorofluoromethane	ug/l	50.00	49.29	99	
1,2,3-Trichloropropane	ug/l	50.00	51.28	103	
1,2,4-Trimethylbenzene	ug/l	50.00	43.44	87	
1,3,5-Trimethylbenzene	ug/l	50.00	44.44	89	
Vinyl chloride	ug/l	50.00	50.74	101	
Xylene (Total)	ug/l	150.00	159.4	106	
m&p-Xylene	ug/l	100.00	109.4	109	
o-Xylene	ug/l	50.00	50.00	100	
Toluene-d8 (S)				99	
4-Bromofluorobenzene (S)				102	
Dibromofluoromethane (S)				96	
1,2-Dichloroethane-d4 (S)				101	

Date: 06/19/06 Page: 24 of 25



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Lab Project Number: 92120533

Client Project ID: ROW-143/WBS#32179

QUALITY CONTROL DATA PARAMETER FOOTNOTES

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

LCS(D)	Laboratory Control Sample (Duplicate)
MS(D)	Matrix Spike (Duplicate)
DUP	Sample Duplicate
ND	Not detected at or above adjusted reporting limit
NC	Not Calculable
J	Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
MDL	Adjusted Method Detection Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	RPD value was outside of control limits, however % Recoveries were acceptable. Samples for QC batch
	accepted based on % recoveries and completeness of QC data.
[2]	The surrogate and/or spike recovery was outside acceptance limits.
[3]	RPD value was outside control limits, however both percent recoveries were acceptable. Sample results for the
	QC batch were accepted based on percent recoveries and completeness of QC data.
[4]	Recovery falls outside of QC limits, however, this compound is not found in the associated samples.

Date: 06/19/06 Page: 25 of 25

37706

99006

E87627

Report Date: 12-Jun-2006 08:57

Pace Analytical Services, Inc.

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: 92-HART Lab Smp Id: 927050096

Operator : BET
Sample Location:

Sample Matrix: WATER

Analysis Type: SV

Inj Date: 09-JUN-2006 20:55

Number TICs found: 21

Client SDG: 92120533 Client Smp ID: MW-1

Sample Date: 02-JUN-2006

Sample Point:

Date Received: 02-JUN-2006 00:00

Level: LOW

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1 100 41 4	74.1.1.1	=======		=====
1. 100-41-4	Ethylbenzene	4.623	332	93J
2.3.	Xylene isomer C-3 substituted benzene	4.860	170	97J
4.	C-3 substituted benzene	5.075 5.290	35.8 70.6	_J_
5.	C-3 substituted benzene	5.349	540	
6.	C-3 substituted benzene	5.497	170	_J_ _J_ _J_
7.	C-3 substituted benzene	5.608	922	-J-
8.	C-3 substituted benzene	5.830	223	_J
9.	Unknown	5.963	147	-J
.0.	Unknown	6.001	86.9	T
1.	Unknown	6.052	145	_J_
2.	C-4 substituted benzene	6.215	66.1	_J_
3.	C-4 substituted benzene	6.230	64.1	J
4.	C-4 substituted benzene	6.289	133	_J
5.	C-4 substituted benzene	6.541	42.9	_J_
6.	C-4 substituted benzene	6.578	68.4	J
7.	Unknown	6.771	69.8	J
8.	C-4 substituted benzene	6.874	163	J
9.	Methylnaphthalene isomer	8.148	143	91J
0.	Methylnaphthalene isomer	8.304	60.7	91J
1.	Unknown	8.881	42.7	J

CHAIN-OF-CUSTODY / Analytical Request Document

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

Pace Project Number intact 792 17.533 ☐ DRINKING WATER N/A N/A 049 Samples 250050 SAMPLE CONDITION DNC. ō N/A N/A N/A Other_ Residual Obloshine (VA) NW [eoj uc NW N/A N/A N/A .60 DOTHER Received Page: 4 W REGULATORY AGENCY Do ni qməT ☐ GROUND WATER DATE TIME M N | SC □ RCRA i □ GA Filtered (Y/N) Requested Analysis: ACCEPTED BY / AFFILIATION SITE LOCATION Other □ NPDES Na2^S2O3 Nethanol UST Preservatives (1)(1) HOBN НСІ A. CONF POSZH Unpreserved CONTAINERS # OE SAMPLE TEMP AT COLLECTION SAMPLER NAME AND SIGNATURE TIME Pace Profile #: 1782 COMPOSITE ENDIGRAB 33 TIME DATE Pace Project Manager: Pace Quote Reference: Invoice Information: Company Name: Sir. 11. PRINT Name of SAMPLER; Section C SIGNATURE of SAMPLER: DATE RELINQUISHED BY / AFFILIATION Ť COLLECTED Attention: Address: TI COMPOSITE START TIME 大大 DATE PI-UIJ G=GRAB C=COMP SAMPLE TYPE 5 Required Project Information: MATRIX CODE Purchase Order No.: Project Number: STANGE PARTY ST Section B Project Name: Report To: Copy To: A. T. Section D Required Client Information C X Requested Due Date/TAT: --- ICA CONTROL One Character per box. (A-Z, 0-9 / .-) Samples IDs MUST BE UNIQUE Company : International SAMPLE ID Pace Analytical 17071 Fax Required Client Information: Additional Comments: Section A Address Email To: 10 H Mati 4 2 9 8 6 3

CT.

DATE Signed (MM / DD / YY)