0201gw073197

02-01
11-11-96

OPERATION/CONSTRUCTION MANAGERS

Municipal Services

P.O. Box 97, Garner, North Carolina 27529 (919)772-5393

CIVIL/SANITARY ENGINEERS

Engineering Company, P.A.

P.O. Box 349, Boone, North Carolina 28607 (704)262-1767

Fac/Perm/Co ID #	Date	Doc ID#
BC	06/13/09	DIN

July 18, 1997

Larry Rose
Solid Waste Section
Division of Solid Waste Management
State of North Carolina Department of Environment,
Health, and Natural Resources
Post Office Box 27687
Raleigh, North Carolina 27611-7687

Reference: Alexander County
Sanitary Landfill
Taylorsville, North Carolina
Project Number G97043.0

Dear Mr. Rose:

The Alexander County Sanitary Landfill in Taylorsville, North Carolina was sampled on November 11, 1996. Laboratory analysis was performed by Pace Analytical Services, Inc. in Huntersville, North Carolina. The enclosed sampling result summary and field data was completed by Municipal Engineering Services Company, P.A. (MESCO) in Garner, North Carolina. ~~A potentiometric map and statistical data from the sampling event on this site will be submitted at a later date.~~

The groundwater sample taken from monitoring well MW-3 contained benzene and nickel outside North Carolina Groundwater Standards. Monitoring well MW-4R contained cadmium outside standards and MW-5 contained lead outside North Carolina Groundwater Standards.

Sincerely,

Richard R Allison

Richard R Allison

Enclosures

cc: Mr. Charles Mashburn
County Manager

Pace Analytical Services, Inc.
9800 Kincey Avenue, Suite 100
Huntersville, NC 28078
Tel: 704-875-9092
Fax: 704-875-9091

Pace Analytical

Municipal Engineering Services Co., P.A.
P.O. Box 97
1140 Benson Highway
Garner, NC 27529

November 27, 1996
PACE Project Number: 661111580

Attn: Ms. Cheryl Marks

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719611		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1A		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	4.90		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	18		11/11/96
Static Water Level (Depth)	feet	0.01	47.79		11/11/96
Temperature (Field)	Degrees C		14.3		11/11/96
Volume Prepumped	Gallons	0.1	1.0 & DRY		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.27		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	ND		11/26/96
Cobalt	mg/L	0.002	0.006		11/21/96
Copper	mg/L	0.010	0.011		11/23/96
Lead	mg/L	0.005	0.007		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.006		11/26/96
Zinc	mg/L	0.010	0.010		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			TURBID		11/11/96

REPORT OF LABORATORY ANALYSIS

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719611		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1A		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	ND		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719611		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1A		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		93		11/13/96
Surrogate - Toluene-d8	%		97		11/13/96
Surrogate - 4-Bromofluorobenzene	%		101		11/13/96

REPORT OF LABORATORY ANALYSIS

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719620		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	5.97		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	168		11/11/96
Static Water Level (Depth)	feet	0.01	35.58		11/11/96
Temperature (Field)	Degrees C		14.5		11/11/96
Volume Prepumped	Gallons	0.1	2.25 & DRY		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.010		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	0.003		11/26/96
Cobalt	mg/L	0.002	0.003		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	ND		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.006		11/26/96
Zinc	mg/L	0.010	0.029		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			YES		11/11/96
Appearance			SL. TURBID		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719620		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	15		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719620		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		92		11/13/96
Surrogate - Toluene-d8	%		100		11/13/96
Surrogate - 4-Bromofluorobenzene	%		100		11/13/96

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Ms. Cheryl Marks

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719638		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	6.10		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	381		11/11/96
Static Water Level (Depth)	feet	0.01	25.76		11/11/96
Temperature (Field)	Degrees C		14.4		11/11/96
Volume Prepumped	Gallons	0.1	2.0 & DRY		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.15		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	0.003		11/22/96
Cobalt	mg/L	0.002	0.0107		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	0.009		11/15/96
Nickel	mg/L	0.05	0.20		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.010		11/26/96
Zinc	mg/L	0.010	0.028		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			SL. TURBID		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

REPORT OF LABORATORY ANALYSIS

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719638		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	10		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	8.8		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	12		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	11		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719638		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	5.2		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		103		11/13/96
Surrogate - Toluene-d8	%		97		11/13/96
Surrogate - 4-Bromofluorobenzene	%		96		11/13/96

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Ms. Cheryl Marks

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719646		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	6.31		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	284		11/11/96
Static Water Level (Depth)	feet	0.01	39.90		11/11/96
Temperature (Field)	Degrees C		14.0		11/11/96
Volume Prepumped	Gallons	0.1	8.0 & DRY		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.072		11/23/96
Beryllium	mg/L	0.005	0.008		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	0.013		11/26/96
Cobalt	mg/L	0.002	0.012		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	0.012		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.015	0.039		11/26/96
Zinc	mg/L	0.010	0.050		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			YES		11/11/96
Appearance			GRAY		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

REPORT OF LABORATORY ANALYSIS

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719646		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	16		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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Ms. Cheryl Marks

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719646		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		105		11/13/96
Surrogate - Toluene-d8	%		98		11/13/96
Surrogate - 4-Bromofluorobenzene	%		93		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719654		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	6.00		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	42		11/11/96
Static Water Level (Depth)	feet	0.01	31.00		11/11/96
Temperature (Field)	Degrees C		13.2		11/11/96
Volume Prepumped	Gallons	0.1	6.3		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.19		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	0.008		11/26/96
Cobalt	mg/L	0.002	0.013		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	ND		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.009		11/26/96
Zinc	mg/L	0.010	0.015		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			GRAY		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

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Ms. Cheryl Marks

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719654		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	ND		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719654		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		105		11/13/96
Surrogate - Toluene-d8	%		97		11/13/96
Surrogate - 4-Bromofluorobenzene	%		97		11/13/96

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Ms. Cheryl Marks

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Parameter	Units	PRL		METHOD	DATE ANALYZED
PACE Sample Number:			92 0719662		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-8		
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	5.65		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	48		11/11/96
Static Water Level (Depth)	feet	0.01	12.45		11/11/96
Temperature (Field)	Degrees C		14.8		11/11/96
Volume Prepumped	Gallons	0.1	8.5		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.066		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	0.001		11/20/96
Chromium	mg/L	0.002	ND		11/26/96
Cobalt	mg/L	0.002	ND		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	ND		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.006		11/26/96
Zinc	mg/L	0.010	0.010		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			TURBID		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719662		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	9.0		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719662		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		105		11/13/96
Surrogate - Toluene-d8	%		93		11/13/96
Surrogate - 4-Bromofluorobenzene	%		98		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719670		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	6.04		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	147		11/11/96
Static Water Level (Depth)	feet	0.01	40.16		11/11/96
Temperature (Field)	Degrees C		14.1		11/11/96
Volume Prepumped	Gallons	0.1	5.5		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	1.6		11/23/96
Beryllium	mg/L	0.002	0.009		11/18/96
Cadmium	mg/L	0.001	0.003		11/20/96
Chromium	mg/L	0.002	0.008		11/26/96
Cobalt	mg/L	0.008	0.076		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	0.017		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	0.002		11/14/96
Vanadium	mg/L	0.015	0.052		11/26/96
Zinc	mg/L	0.010	0.23		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			SILTY		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719670		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	16		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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Ms. Cheryl Marks
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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719670		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		102		11/13/96
Surrogate - Toluene-d8	%		96		11/13/96
Surrogate - 4-Bromofluorobenzene	%		96		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719689		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	5.82		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	203		11/11/96
Static Water Level (Depth)	feet	0.01	16.16		11/11/96
Temperature (Field)	Degrees C		15.4		11/11/96
Volume Prepumped	Gallons	0.1	4.2		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.16		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.002	0.007		11/20/96
Chromium	mg/L	0.002	ND		11/26/96
Cobalt	mg/L	0.020	0.21		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	0.006		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	0.010		11/26/96
Zinc	mg/L	0.010	0.029		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			TURBID		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719689		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	16		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	16		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719689		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		105		11/13/96
Surrogate - Toluene-d8	%		100		11/13/96
Surrogate - 4-Bromofluorobenzene	%		95		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719697		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			SW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
FIELD ANALYSIS					
GROUND WATER FIELD PARAMETERS					
pH (Field)	Units	0.01	6.58		11/11/96
Specific Conductivity(Field)	umhos/cm2	10	33		11/11/96
Temperature (Field)	Degrees C		10.6		11/11/96
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				EPA	
Antimony	mg/L	0.005	ND		11/14/96
Arsenic	mg/L	0.005	ND		11/18/96
Barium	mg/L	0.010	0.020		11/23/96
Beryllium	mg/L	0.001	ND		11/18/96
Cadmium	mg/L	0.001	ND		11/20/96
Chromium	mg/L	0.002	ND		11/26/96
Cobalt	mg/L	0.002	ND		11/21/96
Copper	mg/L	0.010	ND		11/23/96
Lead	mg/L	0.005	ND		11/15/96
Nickel	mg/L	0.05	ND		11/23/96
Selenium	mg/L	0.005	ND		11/19/96
Silver	mg/L	0.005	ND		11/13/96
Thallium	mg/L	0.001	ND		11/14/96
Vanadium	mg/L	0.005	ND		11/26/96
Zinc	mg/L	0.010	ND		11/23/96
GROUND WATER FIELD PARAMETERS					
Odor			NONE		11/11/96
Appearance			SL. TURBID		11/11/96
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		11/13/96
Chloroethene (Vinyl chloride)	ug/L	10	ND		11/13/96
Bromomethane	ug/L	10	ND		11/13/96
Chloroethane	ug/L	10	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719697		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			SW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Trichlorofluoromethane	ug/L	5.0	ND		11/13/96
1,1-Dichloroethene	ug/L	5.0	ND		11/13/96
Acetone	ug/L	100	ND		11/13/96
Methyl iodide	ug/L	5.0	ND		11/13/96
Carbon disulfide	ug/L	5.0	ND		11/13/96
Dichloromethane	ug/L	5.0	ND		11/13/96
Acrylonitrile	ug/L	100	ND		11/13/96
trans-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
1,1-Dichloroethane	ug/L	5.0	ND		11/13/96
Vinyl acetate	ug/L	50	ND		11/13/96
Methyl ethyl ketone	ug/L	100	ND		11/13/96
cis-1,2-Dichloroethene	ug/L	5.0	ND		11/13/96
Bromochloromethane	ug/L	5.0	ND		11/13/96
Chloroform	ug/L	5.0	ND		11/13/96
1,1,1-Trichloroethane	ug/L	5.0	ND		11/13/96
Carbon tetrachloride	ug/L	5.0	ND		11/13/96
Benzene	ug/L	5.0	ND		11/13/96
1,2-Dichloroethane	ug/L	5.0	ND		11/13/96
Dibromomethane	ug/L	5.0	ND		11/13/96
Trichloroethene	ug/L	5.0	ND		11/13/96
1,2-Dichloropropane	ug/L	5.0	ND		11/13/96
Bromodichloromethane	ug/L	5.0	ND		11/13/96
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		11/13/96
cis-1,3-Dichloropropene	ug/L	5.0	ND		11/13/96
Toluene	ug/L	5.0	ND		11/13/96
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		11/13/96
1,1,2-Trichloroethane	ug/L	5.0	ND		11/13/96
Tetrachloroethylene	ug/L	5.0	ND		11/13/96
2-Hexanone	ug/L	50	ND		11/13/96
Dibromochloromethane	ug/L	5.0	ND		11/13/96
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96

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November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

PACE Sample Number:			92 0719697		
Date Collected:			11/11/96		
Date Received:			11/12/96		
Client Sample ID:			SW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		11/13/96
Chlorobenzene	ug/L	5.0	ND		11/13/96
Ethylbenzene	ug/L	5.0	ND		11/13/96
Xylenes, (total)	ug/L	5.0	ND		11/13/96
Styrene	ug/L	5.0	ND		11/13/96
Bromoform	ug/L	5.0	ND		11/13/96
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		11/13/96
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		11/13/96
1,2,3-Trichloropropane	ug/L	5.0	ND		11/13/96
1,4-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dichlorobenzene	ug/L	5.0	ND		11/13/96
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		11/13/96
Surrogate - Dibromofluoromethane	%		104		11/13/96
Surrogate - Toluene-d8	%		98		11/13/96
Surrogate - 4-Bromofluorobenzene	%		93		11/13/96

These data have been reviewed and are approved for release.

Margaret S. Harding

Margaret S. Harding
Manager, Laboratory Operations

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FOOTNOTES
for pages 1 through 27

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

ND Not detected at or above the PRL.
PRL PACE Reporting Limit

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Antimony
Batch: 92 52489
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Antimony	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Antimony	mg/L	0.005	ND	0.020	82%	95%	15%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Antimony	mg/L	0.005	0.025	110%	88%	22%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Arsenic
Batch: 92 52554
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Arsenic	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Arsenic	mg/L	0.005	ND	0.025	86%	83%	4%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Arsenic	mg/L	0.005	0.025	100%	102%	2%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Beryllium
Batch: 92 52587
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Beryllium	mg/L	0.001	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Beryllium	mg/L	0.001	ND	0.0025	116%	112%	4%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Beryllium	mg/L	0.001	0.0025	100%	100%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Cadmium
Batch: 92 52682
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Cadmium	mg/L	0.001	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Cadmium	mg/L	0.001	ND	0.0025	104%	104%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Cadmium	mg/L	0.001	0.0025	100%	100%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Chromium
Batch: 92 52744
Samples: 92 0719638

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Chromium	mg/L	0.002	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Chromium	mg/L	0.002	0.003	0.010	80%	61%	27%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Chromium	mg/L	0.002	0.010	106%	106%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Chromium
Batch: 92 52882
Samples: 92 0719611, 92 0719620, 92 0719646, 92 0719654, 92 0719662
92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Chromium	mg/L	0.002	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920724720	Spike	Spike Recv	Spike Dupl Recv	RPD
Chromium	mg/L	0.002	ND	0.010	109%	114%	4%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Chromium	mg/L	0.002	0.010	103%	103%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Cobalt
Batch: 92 52699
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Cobalt	mg/L	0.002	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Cobalt	mg/L	0.002	0.0107	0.010	95%	98%	3%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Cobalt	mg/L	0.002	0.010	101%	101%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Lead
Batch: 92 52533
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Lead	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Lead	mg/L	0.005	0.009	0.030	89%	84%	6%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Lead	mg/L	0.005	0.025	96%	98%	2%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Selenium
Batch: 92 52647
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Selenium	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Selenium	mg/L	0.005	ND	0.020	98%	103%	5%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Selenium	mg/L	0.005	0.020	94%	110%	16%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Silver
Batch: 92 52391
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Silver	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Silver	mg/L	0.005	ND	0.010	88%	87%	1%

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
Silver	mg/L	0.005	0.010	96%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Thallium
Batch: 92 52456
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Thallium	mg/L	0.001	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719638 MW-3	Spike	Spike Recv	Spike Dupl Recv	RPD
Thallium	mg/L	0.001	ND	0.030	102%	103%	1%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Thallium	mg/L	0.001	0.030	83%	79%	5%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

Vanadium
Batch: 92 52889
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Vanadium	mg/L	0.005	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920724720	Spike	Spike Recv	Spike Dupl Recv	RPD
Vanadium	mg/L	0.005	0.011	0.010	108%	115%	6%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Vanadium	mg/L	0.005	0.015	87%	89%	2%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

ICP QUALITY CONTROL
Batch: 92 52766
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Aluminum	mg/L	0.10	ND
Antimony	mg/L	0.20	ND
Arsenic	mg/L	0.50	ND
Barium	mg/L	0.010	ND
Beryllium	mg/L	0.010	ND
Boron	mg/L	0.10	ND
Cadmium	mg/L	0.010	ND
Calcium	mg/L	0.10	ND
Chromium	mg/L	0.010	ND
Cobalt	mg/L	0.010	ND
Copper	mg/L	0.010	ND
Iron	mg/L	0.050	ND
Lead	mg/L	0.10	ND
Magnesium	mg/L	0.20	ND
Manganese	mg/L	0.010	ND
Molybdenum	mg/L	0.05	ND
Nickel	mg/L	0.05	ND
Potassium	mg/L	1.0	ND
Selenium	mg/L	0.50	ND
Silver	mg/L	0.050	ND
Sodium	mg/L	0.20	ND
Thallium	mg/L	0.50	ND
Tin	mg/L	0.20	ND
Titanium	mg/L	0.010	ND
Vanadium	mg/L	0.010	ND
Zinc	mg/L	0.010	ND

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

ICP QUALITY CONTROL
Batch: 92 52766
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920720636	Spike	Spike Recv	Spike Dupl Recv	RPD
Aluminum	mg/L	0.10	1.9	50	105%	108%	3%
Antimony	mg/L	0.20	ND	5.0	108%	111%	3%
Arsenic	mg/L	0.50	ND	5.0	111%	113%	2%
Beryllium	mg/L	0.010	ND	1.0	110%	113%	3%
Cadmium	mg/L	0.010	ND	1.0	106%	108%	2%
Calcium	mg/L	0.10	110	100	104%	108%	4%
Chromium	mg/L	0.010	ND	1.0	105%	107%	2%
Cobalt	mg/L	0.010	0.032	1.0	106%	108%	2%
Copper	mg/L	0.010	ND	1.0	105%	107%	2%
Iron	mg/L	0.050	0.11	50	104%	106%	2%
Magnesium	mg/L	0.20	1.4	50	110%	112%	2%
Manganese	mg/L	0.010	ND	1.0	106%	108%	2%
Molybdenum	mg/L	0.05	0.24	1.0	101%	104%	3%
Nickel	mg/L	0.05	ND	1.0	108%	110%	2%
Potassium	mg/L	1.0	170	100	105%	112%	6%
Selenium	mg/L	0.50	ND	5.0	113%	116%	3%
Silver	mg/L	0.050	ND	5.0	87%	86%	1%
Sodium	mg/L	0.20	35	50	110%	115%	4%
Thallium	mg/L	0.50	ND	5.0	107%	108%	1%
Tin	mg/L	0.20	ND	1.0	104%	108%	4%
Titanium	mg/L	0.010	ND	1.0	105%	108%	3%
Vanadium	mg/L	0.010	ND	1.0	107%	109%	2%
Zinc	mg/L	0.010	1.3	5.0	106%	109%	3%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Aluminum	mg/L	0.10	50	95%	95%	0%
Antimony	mg/L	0.20	5.0	101%	101%	0%
Arsenic	mg/L	0.50	5.0	102%	102%	0%
Barium	mg/L	0.010	5.0	97%	97%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

ICP QUALITY CONTROL
Batch: 92 52766
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Beryllium	mg/L	0.010	1.0	98%	98%	0%
Boron	mg/L	0.10	1.0	99%	99%	0%
Cadmium	mg/L	0.010	1.0	97%	97%	0%
Calcium	mg/L	0.10	100	99%	99%	0%
Chromium	mg/L	0.010	1.0	98%	98%	0%
Cobalt	mg/L	0.010	1.0	98%	98%	0%
Copper	mg/L	0.010	1.0	95%	95%	0%
Iron	mg/L	0.050	50	97%	97%	0%
Lead	mg/L	0.10	5.0	101%	101%	0%
Magnesium	mg/L	0.20	50	101%	101%	0%
Manganese	mg/L	0.010	1.0	98%	98%	0%
Molybdenum	mg/L	0.05	1.0	96%	96%	0%
Nickel	mg/L	0.05	1.0	98%	98%	0%
Potassium	mg/L	1.0	100	99%	99%	0%
Selenium	mg/L	0.50	5.0	99%	98%	1%
Silver	mg/L	0.050	5.0	96%	96%	0%
Sodium	mg/L	0.20	50	102%	102%	0%
Thallium	mg/L	0.50	5.0	99%	100%	1%
Tin	mg/L	0.20	1.0	96%	95%	1%
Titanium	mg/L	0.010	1.0	97%	97%	0%
Vanadium	mg/L	0.010	1.0	98%	98%	0%
Zinc	mg/L	0.010	5.0	97%	97%	0%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

APPENDIX I, LANDFILL VOLATILES
Batch: 92 52437
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Methyl Chloride	ug/L	10	ND
Chloroethene (Vinyl chloride)	ug/L	10	ND
Bromomethane	ug/L	10	ND
Chloroethane	ug/L	10	ND
Trichlorofluoromethane	ug/L	5.0	ND
1,1-Dichloroethene	ug/L	5.0	ND
Acetone	ug/L	100	ND
Methyl iodide	ug/L	5.0	ND
Carbon disulfide	ug/L	5.0	ND
Dichloromethane	ug/L	5.0	ND
Acrylonitrile	ug/L	100	ND
trans-1,2-Dichloroethene	ug/L	5.0	ND
1,1-Dichloroethane	ug/L	5.0	ND
Vinyl acetate	ug/L	50	ND
Methyl ethyl ketone	ug/L	100	ND
cis-1,2-Dichloroethene	ug/L	5.0	ND
Bromochloromethane	ug/L	5.0	ND
Chloroform	ug/L	5.0	ND
1,1,1-Trichloroethane	ug/L	5.0	ND
Carbon tetrachloride	ug/L	5.0	ND
Benzene	ug/L	5.0	ND
1,2-Dichloroethane	ug/L	5.0	ND
Dibromomethane	ug/L	5.0	ND
Trichloroethene	ug/L	5.0	ND
1,2-Dichloropropane	ug/L	5.0	ND
Bromodichloromethane	ug/L	5.0	ND
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND
cis-1,3-Dichloropropene	ug/L	5.0	ND
Toluene	ug/L	5.0	ND
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND
1,1,2-Trichloroethane	ug/L	5.0	ND

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

APPENDIX I, LANDFILL VOLATILES
Batch: 92 52437
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Tetrachloroethylene	ug/L	5.0	ND
2-Hexanone	ug/L	50	ND
Dibromochloromethane	ug/L	5.0	ND
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND
1,2-Dibromoethane	ug/L	5.0	ND
Chlorobenzene	ug/L	5.0	ND
Ethylbenzene	ug/L	5.0	ND
Xylenes, (total)	ug/L	5.0	ND
Styrene	ug/L	5.0	ND
Bromoform	ug/L	5.0	ND
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND
1,2,3-Trichloropropane	ug/L	5.0	ND
1,4-Dichlorobenzene	ug/L	5.0	ND
1,2-Dichlorobenzene	ug/L	5.0	ND
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND
Surrogate - Dibromofluoromethane	%		96
Surrogate - Toluene-d8	%		95
Surrogate - 4-Bromofluorobenzene	%		104

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719646 MW-7	Spike	Spike Recv	Spike Dupl Recv	RPD
Methyl Chloride	ug/L	10	ND	50	92%	96%	4%
Chloroethene (Vinyl chloride)	ug/L	10	ND	50	88%	88%	0%
Bromomethane	ug/L	10	ND	50	98%	98%	0%
Chloroethane	ug/L	10	ND	50	110%	108%	2%
Trichlorofluoromethane	ug/L	5.0	ND	50	92%	90%	2%
1,1-Dichloroethene	ug/L	5.0	ND	50	90%	90%	0%
Acetone	ug/L	100	ND	100	73%	77%	5%

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QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

APPENDIX I, LANDFILL VOLATILES
Batch: 92 52437
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719646 MW-7	Spike	Spike Recv	Spike Dupl Recv	RPD
Methyl iodide	ug/L	5.0	ND	100	70%	73%	4%
Carbon disulfide	ug/L	5.0	ND	100	78%	77%	1%
Dichloromethane	ug/L	5.0	ND	50	108%	110%	2%
Acrylonitrile	ug/L	100	ND	500	114%	115%	1%
trans-1,2-Dichloroethene	ug/L	5.0	ND	50	102%	102%	0%
1,1-Dichloroethane	ug/L	5.0	16	50	98%	102%	4%
Vinyl acetate	ug/L	50	ND	100	38%	53%	33%
Methyl ethyl ketone	ug/L	100	ND	100	87%	75%	15%
cis-1,2-Dichloroethene	ug/L	5.0	ND	50	106%	126%	17%
Bromochloromethane	ug/L	5.0	ND	50	92%	94%	2%
Chloroform	ug/L	5.0	ND	50	106%	110%	4%
1,1,1-Trichloroethane	ug/L	5.0	ND	50	104%	108%	4%
Carbon tetrachloride	ug/L	5.0	ND	50	104%	110%	6%
Benzene	ug/L	5.0	ND	50	116%	114%	2%
1,2-Dichloroethane	ug/L	5.0	ND	50	116%	116%	0%
Dibromomethane	ug/L	5.0	ND	50	106%	112%	6%
Trichloroethene	ug/L	5.0	ND	50	108%	106%	2%
1,2-Dichloropropane	ug/L	5.0	ND	50	118%	116%	2%
Bromodichloromethane	ug/L	5.0	ND	50	102%	108%	6%
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND	100	127%	153%	19%
cis-1,3-Dichloropropene	ug/L	5.0	ND	50	80%	84%	5%
Toluene	ug/L	5.0	ND	50	108%	102%	6%
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND	50	80%	82%	2%
1,1,2-Trichloroethane	ug/L	5.0	ND	50	114%	114%	0%
Tetrachloroethylene	ug/L	5.0	ND	50	100%	98%	2%
2-Hexanone	ug/L	50	ND	100	118%	161%	31%
Dibromochloromethane	ug/L	5.0	ND	50	100%	110%	10%
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND	50	104%	108%	4%
1,2-Dibromoethane	ug/L	5.0	ND	50	100%	102%	2%
Chlorobenzene	ug/L	5.0	ND	50	108%	104%	4%
Ethylbenzene	ug/L	5.0	ND	50	102%	102%	0%

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Ms. Cheryl Marks
Page 47

QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

APPENDIX I, LANDFILL VOLATILES
Batch: 92 52437
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920719646 MW-7	Spike	Spike Recv	Spike Dupl Recv	RPD
Xylenes, (total)	ug/L	5.0	ND	150	105%	104%	1%
Styrene	ug/L	5.0	ND	50	100%	102%	2%
Bromoform	ug/L	5.0	ND	50	100%	110%	10%
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND	50	76%	94%	21%
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND	50	104%	112%	7%
1,2,3-Trichloropropane	ug/L	5.0	ND	50	104%	110%	6%
1,4-Dichlorobenzene	ug/L	5.0	ND	50	102%	94%	8%
1,2-Dichlorobenzene	ug/L	5.0	ND	50	98%	96%	2%
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND	50	94%	96%	2%

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
Methyl Chloride	ug/L	10	20	100%
Chloroethene (Vinyl chloride)	ug/L	10	20	100%
Bromomethane	ug/L	10	20	110%
Chloroethane	ug/L	10	20	100%
Trichlorofluoromethane	ug/L	5.0	20	100%
1,1-Dichloroethene	ug/L	5.0	20	100%
Acetone	ug/L	100	40	58%
Methyl iodide	ug/L	5.0	40	75%
Carbon disulfide	ug/L	5.0	40	88%
Dichloromethane	ug/L	5.0	20	105%
Acrylonitrile	ug/L	100	200	114%
trans-1,2-Dichloroethene	ug/L	5.0	20	105%
1,1-Dichloroethane	ug/L	5.0	20	110%
Vinyl acetate	ug/L	50	40	28%
Methyl ethyl ketone	ug/L	100	40	48%
cis-1,2-Dichloroethene	ug/L	5.0	20	110%
Bromochloromethane	ug/L	5.0	20	100%
Chloroform	ug/L	5.0	20	110%

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Pace Analytical

Ms. Cheryl Marks

QUALITY CONTROL DATA

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

APPENDIX I, LANDFILL VOLATILES
Batch: 92 52437
Samples: 92 0719611, 92 0719620, 92 0719638, 92 0719646, 92 0719654
92 0719662, 92 0719670, 92 0719689, 92 0719697

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
1,1,1-Trichloroethane	ug/L	5.0	20	105%
Carbon tetrachloride	ug/L	5.0	20	100%
Benzene	ug/L	5.0	20	110%
1,2-Dichloroethane	ug/L	5.0	20	110%
Dibromomethane	ug/L	5.0	20	105%
Trichloroethene	ug/L	5.0	20	110%
1,2-Dichloropropane	ug/L	5.0	20	115%
Bromodichloromethane	ug/L	5.0	20	105%
4-Methyl-2-pentanone (MIBK)	ug/L	50	40	130%
cis-1,3-Dichloropropene	ug/L	5.0	20	100%
Toluene	ug/L	5.0	20	105%
trans-1,3-Dichloro-1-propene	ug/L	5.0	20	95%
1,1,2-Trichloroethane	ug/L	5.0	20	110%
Tetrachloroethylene	ug/L	5.0	20	105%
2-Hexanone	ug/L	50	40	128%
Dibromochloromethane	ug/L	5.0	20	105%
1,1,1,2-Tetrachloroethane	ug/L	5.0	20	105%
1,2-Dibromoethane	ug/L	5.0	20	110%
Chlorobenzene	ug/L	5.0	20	105%
Ethylbenzene	ug/L	5.0	20	105%
Xylenes, (total)	ug/L	5.0	60	110%
Styrene	ug/L	5.0	20	110%
Bromoform	ug/L	5.0	20	110%
trans-1,4-Dichloro-2-butene	ug/L	5.0	20	110%
1,1,2,2-Tetrachloroethane	ug/L	5.0	20	115%
1,2,3-Trichloropropane	ug/L	5.0	20	115%
1,4-Dichlorobenzene	ug/L	5.0	20	105%
1,2-Dichlorobenzene	ug/L	5.0	20	105%
1,2-Dibromo-3-chloropropane	ug/L	5.0	20	105%

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FOOTNOTES
for pages 29 through 48

November 27, 1996
PACE Project Number: 661111580

Client Reference: Alexander Co. Landfill

ND	Not detected at or above the PRL.
PRL	PACE Reporting Limit
RPD	Relative Percent Difference

REPORT OF LABORATORY ANALYSIS

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1 X2 332090

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Municipal Engineering Services
Address: 1140 Benson Highway P.O. Box 97
Garner, NC 27529
Phone: (919) 772-5393

Report To: Ms. Cheryl Marks
Bill To:
P.O. # / Billing Reference
Project Name / No.: Alexander Co. Landfill

Pace Client No. 613432
Pace Project Manager AGN
Pace Project No. 661111.580
*Requested Due Date: 4

Sampled By (PRINT): J. Quattlebaum
Sampler Signature: J. Quattlebaum
Date Sampled: 11/11/96

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA			ANALYSES REQUEST: App I VOC	App I Metals	GW Field						REMARKS
1	MW 1A	0930	GW		5			1	4			✓	✓	✓						711961.1
2	MW-1	1015	GW		5			1	4			✓	✓	✓						711962.0
3	MW-3	1100	GW		5			1	4			✓	✓	✓						711963.8
4	MW-7	1215	GW		5			1	4			✓	✓	✓						711964.6
5	MW-6	1315	GW		5			1	4			✓	✓	✓						711965.4
6	MW-8	1415	GW		5			1	4			✓	✓	✓						711966.2
7	MW-5	1500	GW		5			1	4			✓	✓	✓						711967.0
8	MW-4R	1545	GW		5			1	4			✓	✓	✓						711968.7

COOLER NOS.	BAILERS	SHIPMENT METHOD OUT DATE	RETURNED DATE

ITEM NUMBER	RELINQUISHED BY / AFFILIATION	ACCEPTED BY / AFFILIATION	DATE	TIME
	J. Quattlebaum / Pace Analytical	[illegible] / PACE	11/14/96	1756

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

2XV 332089

Pace Analytical

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client: Municipal Engineering Services
Address: 1140 Benson Highway P.O. Box 97
Garner, NC 27529
Phone: (919) 772-5393

Report To: Ms. Cheryl Marks
Bill To:
P.O. # / Billing Reference
Project Name / No: Alexander Co. Landfill

Pace Client No. 613432
Pace Project Manager AGN
Pace Project No. 66111,580
*Requested Due Date: 4

Sampled By (PRINT): J. Duggan
Sampler Signature: J. Duggan
Date Sampled: 11/11/96

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	UNPRESERVED	H_2SO_4	HNO_3	VOA			ANALYSES REQUEST: Appt VOC	Appt metals	GW-Field							REMARKS
	SW-3	1100	SW		5			1	4			✓	✓	✓							719697

COOLER NOS.	BAILERS	SHIPMENT METHOD: CUT DATE	RETURNED DATE

ITEM NUMBER	RELINQUISHED BY AFFILIATION	ACCEPTED BY AFFILIATION	DATE	TIME
	J. Duggan / MES	K. [illegible] / Pace	11/14/96	17:50

Additional Comments

SEE REVERSE SIDE FOR INSTRUCTIONS

ALEXANDER COUNTY: MONITORING WELL #1 (OLD)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	5/7/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0							0.0100	#DIV/0!	#DIV/0!	#NUM!
(4) BERYLLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050	0.0090	0.0140		0.0140			0.0030	0.0024	0.0123	0.0140
(7) COBALT	NE							0.0030	#DIV/0!	#DIV/0!	#NUM!
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150								#DIV/0!	#DIV/0!	#NUM!
(10) NICKEL	0.10								#DIV/0!	#DIV/0!	#NUM!
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(15) ZINC	2.10	0.0800			0.0510		0.0500	0.0290	0.0139	0.0603	0.0655
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	19.0000	17.0000	17.0000	15.0000	13.0000	16.0000	15.0000	1.8634	16.1667	16.5000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #1A (NEW)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	5/7/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	0.7200	0.8070	0.6780				0.2700	0.0537	0.7350	0.7200
(4) BERYLLIUM	NE		0.0030						0.0000	0.0030	0.0030
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050	0.1200	0.1820	0.0820	0.0250	0.0210	0.0330		0.0587	0.0772	0.0575
(7) COBALT	NE	0.2200	0.1460	0.1280	0.0240	0.0310	0.0160	0.0080	0.0760	0.0942	0.0795
(8) COPPER	1.0	0.2600						0.0110	0.0000	0.2600	0.2600
(9) LEAD	0.0150	0.0580	0.0530	0.0370				0.0070	0.0090	0.0493	0.0530
(10) NICKEL	0.10	0.1900	0.1030	0.0910					0.0441	0.1280	0.1030
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE	0.3300	0.1650	0.1100				0.0060	0.0935	0.2017	0.1650
(15) ZINC	2.10	0.2900	0.2650	0.2870	0.0560		0.0610	0.0100	0.1092	0.1918	0.2650
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700								#DIV/0!	#DIV/0!	#NUM!
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #3 (OLD)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/7/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	0.1100						0.1500	0.0000	0.1100	0.1100
(4) BERYLLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050		0.0380	0.0130	0.0170			0.0030	0.0110	0.0227	0.0170
(7) COBALT	NE		0.0170	0.0320	0.0260	0.0190	0.0210	0.0107	0.0054	0.0230	0.0210
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150		0.0160					0.0090	0.0000	0.0160	0.0160
(10) NICKEL	0.10	0.1800	0.4740	0.2430	0.2400		0.0720	0.2000	0.1316	0.2418	0.2400
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE							0.0100	#DIV/0!	#DIV/0!	#NUM!
(15) ZINC	2.10		0.1160					0.0280	0.0000	0.1160	0.1160
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0	9.0000	8.0000	9.0000	6.0000		9.0000	11.0000	1.1662	8.2000	9.0000
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMATHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE	12.0000	10.0000	12.0000	9.0000			10.0000	1.2990	10.7500	11.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75					6.0000		6.2000	0.0000	6.0000	6.0000
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	22.0000	13.0000	18.0000	13.0000	9.0000	9.0000	8.8600	4.6904	14.0000	13.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70	12.0000	7.0000	13.0000	10.0000	10.0000	13.0000	12.0000	2.1148	10.8333	11.0000
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560	11.0000	6.0000	9.0000	7.0000				1.9203	8.2500	8.0000
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5	24.0000		14.0000					5.0000	19.0000	19.0000
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000						8.0000		0.0000	8.0000	8.0000
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80			5.0000					0.0000	5.0000	5.0000
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530	34.0000	20.0000	24.0000	22.0000	19.0000	34.0000		6.2115	25.5000	23.0000

ALEXANDER COUNTY: MONITORING WELL #6 (NEW)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/16/95 SAMPLE #3	3/7/95 SAMPLE #4	12/7/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	3.4900	1.9800	1.4500	1.8200			1.6000	0.7776	2.1850	1.9000
(4) BERYLLIUM	NE	0.0800	0.0190	0.0160	0.0160	0.0050	0.0040	0.0090	0.0268	0.0272	0.0160
(5) CADMIUM	0.0050	0.0010						0.0030	0.0000	0.0010	0.0010
(6) CHROMIUM	0.050	0.6900	0.5120	0.5220	0.3920	0.1030	0.1430	0.0080	0.1950	0.4438	0.5120
(7) COBALT	NE	0.9000	0.4960	0.4540	0.3200	0.0880	0.1570	0.0760	0.2655	0.4516	0.4540
(8) COPPER	1.0	1.0700	0.7570	0.4640	0.6760				0.2176	0.7418	0.7165
(9) LEAD	0.0150	0.0820	0.1180	0.1000	0.0850	0.0250	0.0200	0.0170	0.0312	0.0820	0.0850
(10) NICKEL	0.10	1.5100	0.8260	0.5080	0.8200	0.1800	0.1180		0.4404	0.7688	0.8200
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180	0.0100							0.0000	0.0100	0.0100
(13) THALLIUM	NE							0.0020	#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE	1.7700	0.4890	0.3920	0.5330	0.1370	0.1120	0.0520	0.5697	0.6642	0.4890
(15) ZINC	2.10	3.9100	2.4800	1.6500	2.1900	0.5100	0.3630	0.2300	1.1088	2.1480	2.1900
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190	~							#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	11.0000	12.0000	8.0000	7.0000	14.0000	16.0000	16.0000	2.5768	10.4000	11.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #6 (NEW)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	0.4200			0.5540			0.1900	0.0670	0.4870	0.4870
(4) BERYLLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050	0.1150	0.0430	0.0280	0.0880	0.0240	0.0190	0.0080	0.0360	0.0528	0.0355
(7) COBALT	NE		0.0250	0.0270	0.0370	0.0710	0.0340	0.0130	0.0167	0.0398	0.0340
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150	0.0140	0.0110		0.0130				0.0012	0.0127	0.0130
(10) MERCURY	0.0011						0.0020		0.0000	0.0020	0.0020
(11) NICKEL	0.10					0.0520	0.0690		0.0085	0.0605	0.0605
(12) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(13) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(14) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(15) VANADIUM	NE				0.1000			0.0090	0.0000	0.1000	0.1000
(16) ZINC	2.10	0.1300			0.1210			0.0150	0.0045	0.1255	0.1255
	NC GW STND (UG/L)										
(17) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(18) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(19) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(20) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(22)) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(24) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(27) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(28) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(29) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(30) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(31) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(32) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(33) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(34) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700								#DIV/0!	#DIV/0!	#NUM!
(35) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(36) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(37) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(39) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(40) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(42) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(47) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(48) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(51) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(54) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(55) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(57) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(58) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(59) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(60) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(62) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(63) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #7 (NEW)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	0.1000						0.0720	0.0000	0.1000	0.1000
(4) BERYLLIUM	NE				0.0020			0.0080	0.0000	0.0020	0.0020
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050	0.0150	0.0370	0.0220	0.0230			0.0130	0.0080	0.0243	0.0226
(7) COBALT	NE		0.0150	0.0140	0.0150			0.0120	0.0005	0.0147	0.0150
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150							0.0120	#DIV/0!	#DIV/0!	#NUM!
(10) NICKEL	0.10								#DIV/0!	#DIV/0!	#NUM!
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE				0.0580			0.0390	0.0000	0.0580	0.0580
(15) ZINC	2.10	0.0500	0.0770	0.1890	0.0760			0.0500	0.0515	0.1005	0.0765
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE		11.0000	11.0000	9.0000	11.0000			0.8660	10.5000	11.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	16.0000	26.0000	29.0000	25.0000	25.0000	26.0000	16.0000	4.0311	24.5000	25.5000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5	24.0000	29.0000	26.0000	11.0000	20.0000			6.2290	22.0000	24.0000
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #8 (NEW)

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	6/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0							0.0660	#DIV/0!	#DIV/0!	#NUM!
(4) BERYLLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(5) CADMIUM	0.0050							0.0010	#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050	0.0260	0.0270	0.0120	0.0140				0.0068	0.0198	0.0200
(7) COBALT	NE		0.0190	0.0160	0.0140				0.0021	0.0163	0.0160
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150								#DIV/0!	#DIV/0!	#NUM!
(10) MERCURY	0.0011						0.0020		0.0000	0.0020	0.0020
(11) NICKEL	0.10								#DIV/0!	#DIV/0!	#NUM!
(12) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(13) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(14) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(15) VANADIUM	NE							0.0060	#DIV/0!	#DIV/0!	#NUM!
(16) ZINC	2.10	0.0700	0.0930	0.1050		0.1000		0.0100	0.0134	0.0920	0.0965
	NC GW STND (UG/L)										
(17) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(19) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(19) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(20) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(22) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(24) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(27) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(28) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(29) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(30) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(31) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	820								#DIV/0!	#DIV/0!	#NUM!
(32) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(33) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(34) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	10.0000	8.0000	11.0000	11.0000	8.0000	12.0000	9.0000	1.5275	10.0000	10.5000
(35) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(36) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(37) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(39) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(40) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(42) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(47) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(48) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(51) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(54) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(55) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(57) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(58) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(59) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(60) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(62) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(63) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING SURFACE #SW3

CONSTITUENT	NC GW STND (MG/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/7/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	0.5400						0.0200	0.0000	0.5400	0.5400
(4) BERYLLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(5) CADMIUM	0.0050								#DIV/0!	#DIV/0!	#NUM!
(6) CHROMIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(7) COBALT	NE	0.1600			0.0110	0.1430			0.0666	0.1047	0.1430
(8) COPPER	1.0								#DIV/0!	#DIV/0!	#NUM!
(9) LEAD	0.0150								#DIV/0!	#DIV/0!	#NUM!
(10) NICKEL	0.10								#DIV/0!	#DIV/0!	#NUM!
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(15) ZINC	2.10	0.0600					0.0550		0.0025	0.0575	0.0575
	NC GW STND (UG/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	NE								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50								#DIV/0!	#DIV/0!	#NUM!
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								#DIV/0!	#DIV/0!	#NUM!
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	9.0000							0.0000	9.0000	9.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								#DIV/0!	#DIV/0!	#NUM!
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	NE								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530								#DIV/0!	#DIV/0!	#NUM!

ALEXANDER COUNTY: MONITORING WELL #4R (NEW)

CONSTITUENT	NC GW STND (mg/L)	10/1/94 SAMPLE #1	1/31/95 SAMPLE #2	2/15/95 SAMPLE #3	3/7/95 SAMPLE #4	12/6/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE								#DIV/0!	#DIV/0!	#NUM!
(2) ARSENIC	0.05								#DIV/0!	#DIV/0!	#NUM!
(3) BARIUM	2.0	1.5000						0.1600	0.0000	1.5000	1.5000
(4) BERYLLIUM	NE		0.0040		0.0020				0.0010	0.0030	0.0030
(5) CADMIUM	0.0050	0.0020		**0.0050**		0.0020	0.0030	**0.0070**	0.0012	0.0030	0.0020
(6) CHROMIUM	0.050	**0.2800**	**0.0900**	0.0170	0.0190				0.1072	0.1015	0.0545
(7) COBALT	NE	0.7000	0.2620	0.2910	0.2250	0.3010	0.2780	0.2100	0.1616	0.3428	0.2910
(8) COPPER	1.0	0.2400							0.0000	0.2400	0.2400
(9) LEAD	0.0150	**0.1000**	**0.0340**					0.0060	0.0330	0.0670	0.0670
(10) NICKEL	0.10	**0.5600**	**0.1050**	0.0670		0.0560	0.0550		0.1965	0.1686	0.0860
(11) SELENIUM	0.050								#DIV/0!	#DIV/0!	#NUM!
(12) SILVER	0.0180								#DIV/0!	#DIV/0!	#NUM!
(13) THALLIUM	NE								#DIV/0!	#DIV/0!	#NUM!
(14) VANADIUM	NE	0.5900	0.0990	0.0570	0.0610			0.0100	0.2248	0.2018	0.0800
(15) ZINC	2.10	0.7700	0.1550	0.1280	0.1120			0.0290	0.2768	0.2913	0.1415
	NC GW STND (µg/L)										
(16) ACETONE	700								#DIV/0!	#DIV/0!	#NUM!
(17) ACRYLONITRILE	NE								#DIV/0!	#DIV/0!	#NUM!
(18) BENZENE	1.0								#DIV/0!	#DIV/0!	#NUM!
(19) BROMOCHLOROMETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(20) BROMODICHLOROMETHANE	0.6000								#DIV/0!	#DIV/0!	#NUM!
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(22) CARBON DISULFIDE	700								#DIV/0!	#DIV/0!	#NUM!
(23) CARBON TETRACHLORIDE	0.30								#DIV/0!	#DIV/0!	#NUM!
(24) CHLOROBENZENE	50					7.0000	13.0000		3.0000	10.0000	10.0000
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE								#DIV/0!	#DIV/0!	#NUM!
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190								#DIV/0!	#DIV/0!	#NUM!
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250								#DIV/0!	#DIV/0!	#NUM!
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004								#DIV/0!	#DIV/0!	#NUM!
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620								#DIV/0!	#DIV/0!	#NUM!
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75								#DIV/0!	#DIV/0!	#NUM!
(32) T-1,4-DICHLORO-2-BUTENE	NE								2.1344	14.3333	14.0000
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	14.0000	17.0000	17.0000	14.0000	11.0000	13.0000	16.0000	#DIV/0!	#DIV/0!	#NUM!
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380								#DIV/0!	#DIV/0!	#NUM!
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7								1.6750	10.1667	10.0000
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70	10.0000	12.0000	12.0000	10.0000	7.0000	10.0000	16.0000	#DIV/0!	#DIV/0!	#NUM!
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70								#DIV/0!	#DIV/0!	#NUM!
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560								#DIV/0!	#DIV/0!	#NUM!
(39) CIS-1,3-DICHLOROPROPENE	0.2000								#DIV/0!	#DIV/0!	#NUM!
(40) T-1,3-DICHLOROPROPENE	0.2000								#DIV/0!	#DIV/0!	#NUM!
(41) ETHYLBENZENE	29								#DIV/0!	#DIV/0!	#NUM!
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(43) METHYL BROMIDE (BROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5								#DIV/0!	#DIV/0!	#NUM!
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170								#DIV/0!	#DIV/0!	#NUM!
(48) METHYL IODIDE (IODOMETHANE)	NE								#DIV/0!	#DIV/0!	#NUM!
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE								#DIV/0!	#DIV/0!	#NUM!
(50) STYRENE	100								#DIV/0!	#DIV/0!	#NUM!
(51) 1,1,1,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(52) 1,1,2,2-TETRACHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.70								#DIV/0!	#DIV/0!	#NUM!
(54) TOLUENE	1000								#DIV/0!	#DIV/0!	#NUM!
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200								#DIV/0!	#DIV/0!	#NUM!
(56) 1,1,2 TRICHLOROETHANE	NE								#DIV/0!	#DIV/0!	#NUM!
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80								#DIV/0!	#DIV/0!	#NUM!
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100								#DIV/0!	#DIV/0!	#NUM!
(59) 1,2,3-TRICHLOROPROPANE	NE								#DIV/0!	#DIV/0!	#NUM!
(60) VINYL ACETATE	NE								#DIV/0!	#DIV/0!	#NUM!
(61) VINYL CHLORIDE	0.0150								#DIV/0!	#DIV/0!	#NUM!
(62) XYLENES	530										