0201gw 062598 App I + detects 02-01 6-4-98

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)262-1707

Pace Batch ID #	Date	Doc ID#
BC	6/8/98	DIN

June 24, 1998

JUN 1998 Received Solid Waste Section

Larry Rose
Solid Waste Section
Division of Waste Management
401 Oberlin Road
Raleigh NC 27605

Re: Alexander County Groundwater Sampling
G97043.0

Dear Mr. Rose:

The Alexander County Landfill was sampled on June 4, 1998 by Municipal Engineering Services Co., P.A. (MESCO) of Garner, NC. Laboratory analysis was performed by Pace Analytical Services, Inc. of Huntersville, NC. The enclosed groundwater summary tables, potentiometric map with flow rates, and field data sheets were all completed by MESCO. The notations "NS" on the Appendix II sheets means 'not sampled". All monitoring wells were sampled for the Appendix I list of volatile organic compounds and metals. In addition, those Appendix II samples detected in previous sampling events were sampled. There are now four total samples for Appendix II constituents detected completing the baseline sampling requirement.

Benzene was detected in concentrations outside North Carolina Groundwater Standard in monitoring wells MW-3 and MW-5. Appendix I metals detected out of standard include Chromium in MW-1A, MW-3, MW-4R, MW-5, and MW-6; Lead in MW-1A, MW-3, MW-5, and MW-6; and Nickel in MW-1A, MW-3, and MW-5.

The only Appendix II constituent consistently detected was Mercury in background well MW-1A and downgradient wells MW-4R, MW-6, and MW-8. Mercury was outside North Carolina Groundwater Standards in MW-1A, MW-6, and MW-8. Other Appendix II constituents were not detected with any consistency during baseline sampling. It should be noted, however, that reporting limits increased for Napthalene during the sapling period.

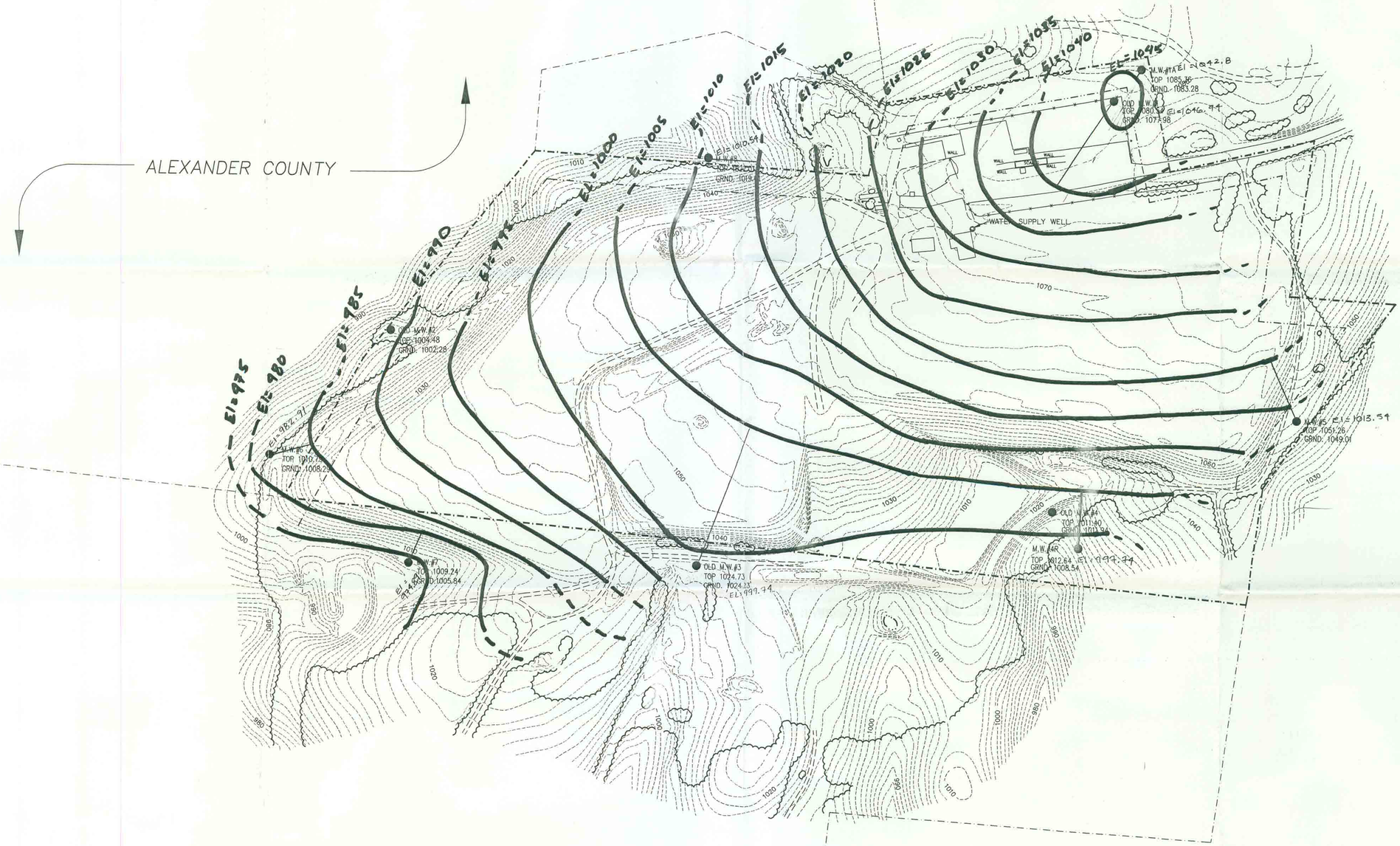
If you have any questions regarding this report please contact us at 919-772-5393.

Sincerely,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

Richard R Allison
Geologist

Enclosures

cc: Charles Mashburn
County Manager



LEGEND

- EXISTING CONTOURS
- PROPERTY LINES
- PERMITTED PROPERTY LINE
- BUFFER ZONE
- TREE LINE
- ROAD
- WATER

NOTES:

THIS MAP WAS GENERATED FROM AERIAL PHOTOS FLOWN ON 2-23-94 BY TRIANGLE AERIAL MAPPING.

Groundwater Elevations from 6/4/98

JUN 1998
Received
Solid Waste
Section

DATE	BY	REV.	DESCRIPTION
5-3-96	LCH	3	REV. PER DENR LETTER DATED 4/29/96
4-9-96	CHS	2	DRAWING ORIENTATION AND PROPERTY LOCATION
4-6-95	CHS	1	ADD MONITORING WELL #6

MUNICIPAL ENGINEERING SERVICES CO., P.A.
CONSULTING ENGINEERS
BOONE, N.C. GARNER, N.C.

PROJECT: ALEXANDER COUNTY SANITARY LANDFILL
OWNER: ALEXANDER COUNTY
TITLE: OPERATION PLAN
MONITORING WELL LOCATIONS

SCALE 1"=100'	DRWN. BY C. SEYMOUR	PROJ. NO. G93142	DRAWING NO. 93142-10
DATE 3-30-94	CHKD BY W. SULLIVAN		

MW-1 App 2

ALEXANDER COUNTY: MONITORING WELL #1 (OLD)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540							
Sulfide			NS	NS	NS			
Mercury	0.0011		0.0003			0.0000	0.0003	0.0003
Tin			NS	NS	NS			
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile								
Methyl methacrylate			NS	NS	NS			
Methyl-tert-butyl ether (MTBE)	200.0000							
Naphthalene			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

MW-1 Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #1 (OLD)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC								
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080							
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #1 (OLD)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate					
2-Methylnaphthalene	28.0000				
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine	0.0007				
N-Nitrosodimethylamine					
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0,0,0-Triethylphosphorothioate					
sym-Trinitrobenzene					

ALEXANDER COUNTY: MONITORING WELL #1(OLD)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether		13.0000			
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butylphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

MW-1A App2

ALEXANDER COUNTY: MONITORING WELL #1A (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540							
Sulfide			NS	NS	NS			
Mercury	0.0011	0.0004	**0.0017**	**0.0013**	**0.0013**	0.0005	0.0011	0.0013
Tin			NS	NS	NS			
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile			NS	NS	NS			
Methyl methacrylate								
Methyl-tert-butyl ether (MTBE)	200.0000		NS	NS	NS			
Naphthalene								
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene		3.0000	NS	NS	NS			
0-Xylene			NS	NS	NS			

MW-1A Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #1A (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC								
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080							
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #1A (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate	28.0000				
2-Methylnaphthalene					
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine	0.0070				
N-Nitrosodimethylamine					
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0,0,0-Triethylphosphorothioate					
sym-Trinitrobenzene					

ALEXANDER COUNTY: MONITORING WELL #1A(NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butylphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

MW-3 App2

ALEXANDER COUNTY: MONITORING WELL #3 (OLD)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540		NS	NS	NS			
Sulfide								
Mercury	0.0011		NS	NS	NS			
Tin								
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene		2.0000	NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile		35.0000						
Methyl methacrylate		14.0000	NS	NS	NS			
Methyl-tert-butyl ether (MTBE)	200.0000	7.0000		4.6000		1.2000	5.8000	5.8000
Naphthalene			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane		5.0000	NS	NS	NS			
1,2,4-Trimethylbenzene		2.0000	NS	NS	NS			
1,3,5-Trimethylbenzene		8.0000	NS	NS	NS			
m-,p-Xylene		3.0000	NS	NS	NS			
0-Xylene								

MW-3 Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #3 (OLD)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC		0.1200						
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080	**0.1000**						
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #3(OLD)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate	28.0000				
2-Methylnaphthalene					
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine	0.0070				
N-Nitrosodimethylamine					
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0.0.0-Triethylphosphorothioate					
sym-Trinitrobenzene					

ALEXANDER COUNTY: MONITORING WELL #3(OLD)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butylphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

MW-4R App2

ALEXANDER COUNTY: MONITORING WELL #4R (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540		0.0020			0.0000	0.0020	0.0020
Sulfide			NS	NS	NS			
Mercury	0.0011		0.0003		0.0004	0.0000	0.0003	0.0003
Tin			NS	NS	NS			
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile								
Methyl methacrylate			NS	NS	NS			
Methyl-tert-butyl ether (MTBE)	200.0000							
Naphthalene			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene								

MW-4R Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #4R (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC		0.1000		0.0660		0.0170	0.0830	0.0830
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080							
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #4R (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate					
2-Methylnaphthalene	28.0000				
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine	0.0007				
N-Nitrosodimethylamine					
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0.0.0-Triethylphosphorothioate					
sym-Trinitrobenzene					

ALEXANDER COUNTY: MONITORING WELL #4R(NEW)		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Dialiate					
Dibenzo[a,h]anthracene					
Dibenzofuran	700.0000				
Di-n-butyphthalate	0.6200				
1,2-Dichlorobenzene	620.0000				
1,3-Dichlorobenzene	75.0000				
1,4-Dichlorobenzene					
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol	5000.0000				
Diethylphtalate					
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine	0.2800				
Disulfoton					
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene	0.0200				
Hexachlorobenzene					
Hexachlorobutadiene					

ALEXANDER COUNTY: MONITORING WELL #5 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540		NS	NS	NS			
Sulfide								
Mercury	0.0011		NS	NS	NS			
Tin								
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile								
Methyl methacrylate			NS	NS	NS			
Methyl-tert-butyl ether (MTBE)	200.0000		4.6000			0.0000	4.6000	4.6000
Naphthalene			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene								

MW-5 Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #5 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC								
beta-BHC			NS	NS	NS			
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC								
Heptachlor	0.0080		NS	NS	NS			
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene								

ALEXANDER COUNTY: MONITORING WELL #5(NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butyphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	50000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

ALEXANDER COUNTY: MONITORING WELL #5 (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin	36.8000				
Isophorone					
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene	28.0000				
Methylmethanesulfonate					
2-Methylnaphthalene					
2-Methylphenol	35.0000				
3-Methylphenol	3.5000				
4-Methylphenol					
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine	0.0007				
N-Nitrosodiethylamine					
N-Nitrosodimethylamine					
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene	0.3000				
Pentachlorophenol					
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine	1.4000				
Phorate					
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene	210.0000				
2,3,4,6-Tetrachlorophenol					
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0,0,0-Triethylphosphorothioate					
sym-Trinitrobenzene					

MW-6 App2

ALEXANDER COUNTY: MONITORING WELL #6 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540		NS	NS	NS			
Sulfide			**0.0068**	**0.0039**	**0.0130**	0.0038	0.0079	0.0068
Mercury	0.0011		NS	NS	NS			
Tin								
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile								
Methyl methacrylate			NS	NS	NS			
Methyl-tert-butyl ether (MTBE)	200.0000							
Naphthalene			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene								

Mw-6 Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #6 (NEW)		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC		0.0600						
beta-BHC			NS	NS	NS			
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC	0.0080							
Heptachlor			NS	NS	NS			
Aldrin	0.0040		NS	NS	NS			
Heptachlor epoxide			NS	NS	NS			
Endosulfan I	0.0022		NS	NS	NS			
Dieldrin	2.0000		NS	NS	NS			
Endrin	0.1400		NS	NS	NS			
4,4-DDD	42.0000		NS	NS	NS			
Endosulfan II	0.1000		NS	NS	NS			
4,4-DDT			NS	NS	NS			
4,4-DDE	2.1000		NS	NS	NS			
Endrin aldehyde			NS	NS	NS			
Endosulfan sulfate	0.0350		NS	NS	NS			
Methoxychlor			NS	NS	NS			
Toxaphene	0.0270		NS	NS	NS			
Chlordane (tech)			NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene								

ALEXANDER COUNTY: MONITORING WELL #6(NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butyphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

ALEXANDER COUNTY: MONITORING WELL #6 (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate					
2-Methylnaphthalene	28.0000				
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine					
N-Nitrosodimethylamine	0.0007				
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachflorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0,0,0-Triethylphosphorothioate					
sym-Trinitrobenzene					

MW-7 App2

ALEXANDER COUNTY: MONITORING WELL #7 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540							
Sulfide			NS	NS	NS			
Mercury	0.0011							
Tin			NS	NS	NS			
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile								
Methyl methacrylate								
Methyl-tert-butyl ether (MTBE)	200.0000	2.0000	NS	NS	NS			
Naphthalene								
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

MW-7 Herb-Pest

ALEXANDER COUNTY: MONITORING WELL #7 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	NC GW STND (ug/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC								
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080							
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #7(NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butylphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

ALEXANDER COUNTY: MONITORING WELL #7 (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate					
2-Methylnaphthalene	28.0000				
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine					
N-Nitrosodimethylamine	0.0007				
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachlorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0,0,0-Triethylphosphorothioate					
sym-Trinitrobenzene					

MW-8 App2

ALEXANDER COUNTY: MONITORING WELL #8 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
CONSTITUENT	NC GW STND (mg/L)	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
Cyanide, Total	0.1540							
Sulfide			NS	NS	NS			
Mercury	0.0011		**0.0063**	**0.0052**	**0.0024**	0.0006	0.0058	0.0058
Tin			NS	NS	NS			
	NC GW STND (ug/L)							
Acetonitrile			NS	NS	NS			
Acrlein			NS	NS	NS			
Allyl chloride			NS	NS	NS			
Bromobenzene			NS	NS	NS			
2-Butanone			NS	NS	NS			
n-Butylbenzene			NS	NS	NS			
sec-Butylbenzene			NS	NS	NS			
tert-Butylbenzene			NS	NS	NS			
2-Chlorotoluene			NS	NS	NS			
4-Chlorotoluene			NS	NS	NS			
Chloroprene			NS	NS	NS			
1,2-Dibromo-3-chloropropane			NS	NS	NS			
1,3-Dichlorobenzene	620.0000		NS	NS	NS			
1,3-Dicholoropropane			NS	NS	NS			
2,2-Dicholoropropane			NS	NS	NS			
1,1-Dichloropropene			NS	NS	NS			
Dichlorodifluoromethane	1400.0000		NS	NS	NS			
Diisopropyl ether (DIPE)			NS	NS	NS			
Ethyl methacrylate			NS	NS	NS			
Hexachlorobutadiene			NS	NS	NS			
Isobutanol			NS	NS	NS			
Isopropylbenzene			NS	NS	NS			
4-Isopropyltoluene			NS	NS	NS			
Methacrylonitrile			NS	NS	NS			
Methyl methacrylate								
Methyl-tert-butyl ether (MTBE)	200.0000		NS	NS	NS			
Naphthalene								
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

MW-8 Heb-Pest

ALEXANDER COUNTY: MONITORING WELL #8 (NEW)								
		SAMPLE #1	SAMPLE #2	SAMPLE#3	SAMPLE #4			
HERBICIDES	**NC GW STND (ug/L)**	12/3/97	3/23/98	4/30/98	6/4/98	STANDARD DEVIATION	MEAN	MEDIAN
2,4-D			NS	NS	NS			
Silvex	50.0000		NS	NS	NS			
2,4,5-T			NS	NS	NS			
Dinoseb			NS	NS	NS			
PESTICIDES AND PCBS								
alpha-BHC				0.0730		0.0000	0.0730	0.0730
beta-BHC								
gamma-BHC (Lindane)			NS	NS	NS			
Delta-BHC			NS	NS	NS			
Heptachlor	0.0080							
Aldrin			NS	NS	NS			
Heptachlor epoxide	0.0040		NS	NS	NS			
Endosulfan I			NS	NS	NS			
Dieldrin	0.0022		NS	NS	NS			
Endrin	2.0000		NS	NS	NS			
4,4-DDD	0.1400		NS	NS	NS			
Endosulfan II	42.0000		NS	NS	NS			
4,4-DDT	0.1000		NS	NS	NS			
4,4-DDE			NS	NS	NS			
Endrin aldehyde	2.1000		NS	NS	NS			
Endosulfan sulfate			NS	NS	NS			
Methoxychlor	0.0350		NS	NS	NS			
Toxaphene			NS	NS	NS			
Chlordane (tech)	0.0270		NS	NS	NS			
Aroclor-1221			NS	NS	NS			
Aroclor-1232			NS	NS	NS			
Aroclor-1242			NS	NS	NS			
Aroclor-1248			NS	NS	NS			
Aroclor-1254			NS	NS	NS			
Aroclor-1260			NS	NS	NS			
Propionitrile			NS	NS	NS			
n-Propyl benzene			NS	NS	NS			
1,2,3-Trichlorobenzene			NS	NS	NS			
1,2,4-Trichlorobenzene			NS	NS	NS			
1,1,1-Trichloroethane			NS	NS	NS			
1,1,2-Trichloroethane			NS	NS	NS			
1,2,4-Trimethylbenzene			NS	NS	NS			
1,3,5-Trimethylbenzene			NS	NS	NS			
m-,p-Xylene			NS	NS	NS			
0-Xylene			NS	NS	NS			

ALEXANDER COUNTY: MONITORING WELL #8 (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Acenaphthene					
Acenaphthylene					
Acetophenone					
2-Acetylaminofluorene					
4-Aminobiphenyl					
Anthracene					
Benzo[a]anthracene					
Benzo[a]pyrene					
Benzo[b]fluoranthene					
Benzo[g,h,i]perylene					
Benzo[k]fluoranthene					
Benzyl Alcohol					
Bis(2-chloro-1-methylethyl)ether					
Bis(2-chloroethoxy)methane					
Bis(2-chloroethyl)ether					
Bis(2-ethylhexyl)phthalate					
4-Bromophenyl phenyl ether					
Butylbenzylphthalate					
4-Chloroaniline					
Chlorobenzilate					
4-Chloro-3-methylphenol					
2-Chloronaphthalene					
2-Chlorophenol					
4-Chlorophenyl phenyl ether					
Chrysene					
Diallate					
Dibenzo[a,h]anthracene					
Dibenzofuran					
Di-n-butylphthalate	700.0000				
1,2-Dichlorobenzene	0.6200				
1,3-Dichlorobenzene	620.0000				
1,4-Dichlorobenzene	75.0000				
3,3'-Dichlorobenzidine					
2,4-Dichlorophenol					
2,6-Dichlorophenol					
Diethylphtalate	5000.0000				
Dimethoate					
p-Dimethylaminoazobenzene					
7,12-Dimethylbenz[a]anthracene					
3,3'-Dimethylbenzidine					
2,4-Dimethylphenol					
Dimethylphthalate					
m-Dinitrobenzene					
4,6-Dinitro-2-methylphenol					
2,4-Dinitrophenol					
2,4-Dinitrotoluene					
2,6-Dinitrotoluene					
Dinoseb					
Di-n-octylphthalate					
Diphenylamine					
Disulfoton	0.2800				
Ethylmethanesulfonate					
Famphur					
Fluoranthene					
Fluorene					
Hexachlorobenzene	0.0200				
Hexachlorobutadiene					

ALEXANDER COUNTY: MONITORING WELL #8 (NEW)					
		SAMPLE #1			
CONSTITUENT	NC GW STND (ug/L)	12/3/97	STANDARD DEVIATION	MEAN	MEDIAN
Hexachloropentadiene					
Hexachloroethane					
Hexachloropropene					
Indeno(1,2,3-c,d)pyrene					
Isodrin					
Isophorone	36.8000				
Isosafrole					
Kepone					
Methapyrilene					
Methyl parathion					
3-Methylcholanthrene					
Methylmethanesulfonate					
2-Methylnaphthalene	28.0000				
2-Methylphenol					
3-Methylphenol	35.0000				
4-Methylphenol	3.5000				
Napthalene					
1,4-Naphthoquinone					
1-Naphthylamine					
2-Naphtylamine					
5-Nitro-o-toluidine					
2-Nitroaniline					
3-Nitroaniline					
4-Nitroaniline					
Nitrobenzene					
2-Nitrophenol					
4-Nitrophenol					
N-Nitroso-di-n-butylamine					
N-nitrosodi-n-propylamine					
N-Nitrosodiethylamine					
N-Nitrosodimethylamine	0.0007				
N-Nitrosodiphenylamine					
N-Nitrosomethylethylamine					
N-Nitrosopiperidine					
N-Nitrosopyrrolidine					
Parathion					
Pentachlorobenzene					
Pentachloronitrobenzene					
Pentachlorophenol	0.3000				
Phenacetin					
Phenanthrene					
Phenol					
p-Phenylenediamine					
Phorate	1.4000				
Pronamide					
Pyrene					
Safrole					
1,2,4,5-Tetrachlorobenzene					
2,3,4,6-Tetrachlorophenol	210.0000				
Thionazin					
o-Toluidine					
2,4,5-Tricholorphenol					
2,4,6-Trichlorophenol					
0.0.0-Triethylphosphorothioate					
sym-Trinitrobenzene					

Pace Analytical

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

June 22, 1998

Mr. Rick Allison
Municipal Engineering Services Co., P.A.
P.O. Box 97
Garner, NC 27529

MUNICIPAL ENGINEERING RECEIVED JUN 23 1998 SERVICES COMPANY

RE: PACE Project No. 680605.514
Client Reference: Alexander/G97043.0

Dear Mr. Allison:

Enclosed is the report of laboratory analyses for samples received June 05, 1998.

Footnotes are given at the end of the report.

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

Sincerely,

Ron Kerr
Project Manager

Enclosures

JUN 1998 Received Solid Waste Section

Pace Analytical

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

June 15, 1998

Dear Valued Clients:

Beginning June 22, Pace Analytical Services will begin implementation of a new laboratory information management system (LIMS) for the Charlotte Laboratory. Our new systems is called Environmental Project Information Control, EPIC for short. The EPIC system represents a major upgrade in hardware and software from our old system. Among the many improvements is the capability to electronically transfer of results from analytical instruments to EPIC.

Although EPIC will be new to the Charlotte Laboratory, three Pace Analytical labs currently use EPIC, one for over 4 years. All of our labs will be using EPIC before the end of 1998. We have a lot of experience in making the transition and our staff have been training and preparing for the conversion for several weeks. The complete conversion to the new system will take approximately 2 weeks. Your project managers will be available to answer any questions that you may have about the process.

You should not notice immediate changes, except a change in the format of our reports. Some of you may have already seen this report style if you have received reports from our other laboratories. If you have any questions please feel free to contact your project managers.

We realize that the change will result in some temporary inconveniences. However, the benefits will allow us to better serve your needs. But we are confident you will find the change a positive one. Thank you for letting us serve your analytical needs. Have a nice day!

Pace Analytical

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

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

June 22, 1998
PACE Project Number: 680605514

Attn: Mr. Rick Allison

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0372999		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	ND	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/12/98
Barium	mg/L	0.010	0.036		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	0.003		06/15/98
Cobalt	mg/L	0.002	0.003		06/16/98
Copper	mg/L	0.010	ND		06/11/98
Lead	mg/L	0.005	0.005		06/11/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	0.008		06/15/98
Zinc	mg/L	0.010	0.041		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060898	3510	06/08/98
Heptachlor	ug/L	0.05	ND	8081	06/15/98
Methyl methacrylate	ug/L	10	ND	8260	06/12/98
Naphthalene	ug/L	10	ND	8260	06/12/98
alpha-BHC	ug/L	0.05	ND	8081	06/15/98
beta-BHC	ug/L	0.05	ND	8081	06/15/98

Laboratory Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006

REPORT OF LABORATORY ANALYSIS

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

Laboratory Certification IDs
KY Drinking Water 90090
TN UST List
VA Drinking Water 213

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

Pace Analytical

Mr. Rick Allison
Page 2

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0372999		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/12/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/12/98
Bromomethane	ug/L	10	ND		06/12/98
Chloroethane	ug/L	10	ND		06/12/98
Trichlorofluoromethane	ug/L	5.0	ND		06/12/98
Acetone	ug/L	100	ND		06/12/98
1,1-Dichloroethene	ug/L	5.0	ND		06/12/98
Methyl iodide	ug/L	5.0	ND		06/12/98
Acrylonitrile	ug/L	100	ND		06/12/98
Dichloromethane	ug/L	5.0	ND		06/12/98
Carbon disulfide	ug/L	5.0	ND		06/12/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
1,1-Dichloroethane	ug/L	5.0	19		06/12/98
Vinyl acetate	ug/L	50	ND		06/12/98
Methyl ethyl ketone	ug/L	100	ND		06/12/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
Chloroform	ug/L	5.0	ND		06/12/98
Bromochloromethane	ug/L	5.0	ND		06/12/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/12/98
1,2-Dichloroethane	ug/L	5.0	ND		06/12/98
Carbon tetrachloride	ug/L	5.0	ND		06/12/98
Benzene	ug/L	5.0	ND		06/12/98
Trichloroethene	ug/L	5.0	ND		06/12/98
1,2-Dichloropropane	ug/L	5.0	ND		06/12/98
Dibromomethane	ug/L	5.0	ND		06/12/98
Bromodichloromethane	ug/L	5.0	ND		06/12/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/12/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/12/98
Toluene	ug/L	5.0	ND		06/12/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/12/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/12/98

Pace Analytical

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

Mr. Rick Allison
Page 3

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0372999		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
2-Hexanone	ug/L	50	ND		06/12/98
Dibromochloromethane	ug/L	5.0	ND		06/12/98
Tetrachloroethylene	ug/L	5.0	ND		06/12/98
1,2-Dibromoethane	ug/L	5.0	ND		06/12/98
Chlorobenzene	ug/L	5.0	ND		06/12/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
Ethylbenzene	ug/L	5.0	ND		06/12/98
Xylenes, (total)	ug/L	5.0	ND		06/12/98
Styrene	ug/L	5.0	ND		06/12/98
Bromoform	ug/L	5.0	ND		06/12/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/12/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/12/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/12/98
Surrogate - Dibromofluoromethane	%		99		06/12/98
Surrogate - 1,2-Dichloroethane-d4	%		104		06/12/98
Surrogate - Toluene-d8	%		97		06/12/98
Surrogate - 4-Bromofluorobenzene	%		90		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 4

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL		METHOD	DATE ANALYZED
PACE Sample Number:			92 0373006		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1A		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	0.0013	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/12/98
Barium	mg/L	0.010	1.0		06/11/98
Beryllium	mg/L	0.001	0.005		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.020	0.40		06/15/98
Cobalt	mg/L	0.008	0.14		06/16/98
Copper	mg/L	0.010	0.21		06/11/98
Lead	mg/L	0.005	0.070		06/11/98
Nickel	mg/L	0.05	0.13		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.050	0.20		06/15/98
Zinc	mg/L	0.010	0.32		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060898	3510	06/08/98
Heptachlor	ug/L	0.05	ND	8081	06/15/98
Methyl methacrylate	ug/L	10	ND	8260	06/12/98
Naphthalene	ug/L	10	ND	8260	06/12/98
alpha-BHC	ug/L	0.05	ND	8081	06/15/98
beta-BHC	ug/L	0.05	ND	8081	06/15/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/12/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/12/98
Bromomethane	ug/L	10	ND		06/12/98

Laboratory Certification IDs
NC Wastewater 12
NC Drinking Water 37706
SC 99006

REPORT OF LABORATORY ANALYSIS

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

Laboratory Certification IDs
KY Drinking Water 90090
TN UST List
VA Drinking Water 213

Pace Analytical

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

Mr. Rick Allison
Page 5

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL	92 0373006	METHOD	DATE ANALYZED
PACE Sample Number:			92 0373006		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1A		
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/12/98
Trichlorofluoromethane	ug/L	5.0	ND		06/12/98
Acetone	ug/L	100	ND		06/12/98
1,1-Dichloroethene	ug/L	5.0	ND		06/12/98
Methyl iodide	ug/L	5.0	ND		06/12/98
Acrylonitrile	ug/L	100	ND		06/12/98
Dichloromethane	ug/L	5.0	ND		06/12/98
Carbon disulfide	ug/L	5.0	ND		06/12/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
1,1-Dichloroethane	ug/L	5.0	ND		06/12/98
Vinyl acetate	ug/L	50	ND		06/12/98
Methyl ethyl ketone	ug/L	100	ND		06/12/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
Chloroform	ug/L	5.0	ND		06/12/98
Bromochloromethane	ug/L	5.0	ND		06/12/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/12/98
1,2-Dichloroethane	ug/L	5.0	ND		06/12/98
Carbon tetrachloride	ug/L	5.0	ND		06/12/98
Benzene	ug/L	5.0	ND		06/12/98
Trichloroethene	ug/L	5.0	ND		06/12/98
1,2-Dichloropropane	ug/L	5.0	ND		06/12/98
Dibromomethane	ug/L	5.0	ND		06/12/98
Bromodichloromethane	ug/L	5.0	ND		06/12/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/12/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/12/98
Toluene	ug/L	5.0	ND		06/12/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/12/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/12/98
2-Hexanone	ug/L	50	ND		06/12/98
Dibromochloromethane	ug/L	5.0	ND		06/12/98
Tetrachloroethylene	ug/L	5.0	ND		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 6

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373006		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-1A		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/12/98
Chlorobenzene	ug/L	5.0	ND		06/12/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
Ethylbenzene	ug/L	5.0	ND		06/12/98
Xylenes, (total)	ug/L	5.0	ND		06/12/98
Styrene	ug/L	5.0	ND		06/12/98
Bromoform	ug/L	5.0	ND		06/12/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/12/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/12/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/12/98
Surrogate - Dibromofluoromethane	%		98		06/12/98
Surrogate - 1,2-Dichloroethane-d4	%		105		06/12/98
Surrogate - Toluene-d8	%		104		06/12/98
Surrogate - 4-Bromofluorobenzene	%		87		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 7

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL		METHOD	DATE ANALYZED
PACE Sample Number:			92 0373014		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-3		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	ND	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/12/98
Barium	mg/L	0.010	0.11		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	0.021		06/15/98
Cobalt	mg/L	0.002	0.018		06/16/98
Copper	mg/L	0.010	0.022		06/11/98
Lead	mg/L	0.005	0.021		06/11/98
Nickel	mg/L	0.05	0.21		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	0.017		06/15/98
Zinc	mg/L	0.010	0.036		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060898	3510	06/08/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/12/98
Naphthalene	ug/L	10	ND	8260	06/12/98
alpha-BHC	ug/L	0.05	ND	8081	06/15/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/12/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/12/98
Bromomethane	ug/L	10	ND		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 8

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373014		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/12/98
Trichlorofluoromethane	ug/L	5.0	ND		06/12/98
Acetone	ug/L	100	ND		06/12/98
1,1-Dichloroethene	ug/L	5.0	ND		06/12/98
Methyl iodide	ug/L	5.0	ND		06/12/98
Acrylonitrile	ug/L	100	ND		06/12/98
Dichloromethane	ug/L	5.0	ND		06/12/98
Carbon disulfide	ug/L	5.0	ND		06/12/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
1,1-Dichloroethane	ug/L	5.0	ND		06/12/98
Vinyl acetate	ug/L	50	ND		06/12/98
Methyl ethyl ketone	ug/L	100	ND		06/12/98
cis-1,2-Dichloroethene	ug/L	5.0	17		06/12/98
Chloroform	ug/L	5.0	ND		06/12/98
Bromochloromethane	ug/L	5.0	ND		06/12/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/12/98
1,2-Dichloroethane	ug/L	5.0	ND		06/12/98
Carbon tetrachloride	ug/L	5.0	ND		06/12/98
Benzene	ug/L	5.0	8.8		06/12/98
Trichloroethene	ug/L	5.0	ND		06/12/98
1,2-Dichloropropane	ug/L	5.0	ND		06/12/98
Dibromomethane	ug/L	5.0	ND		06/12/98
Bromodichloromethane	ug/L	5.0	ND		06/12/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/12/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/12/98
Toluene	ug/L	5.0	ND		06/12/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/12/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/12/98
2-Hexanone	ug/L	50	ND		06/12/98
Dibromochloromethane	ug/L	5.0	ND		06/12/98
Tetrachloroethylene	ug/L	5.0	ND		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 9

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373014		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/12/98
Chlorobenzene	ug/L	5.0	ND		06/12/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
Ethylbenzene	ug/L	5.0	ND		06/12/98
Xylenes, (total)	ug/L	5.0	23		06/12/98
Styrene	ug/L	5.0	ND		06/12/98
Bromoform	ug/L	5.0	ND		06/12/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/12/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/12/98
1,4-Dichlorobenzene	ug/L	5.0	7.6		06/12/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/12/98
Surrogate - Dibromofluoromethane	%		99		06/12/98
Surrogate - 1,2-Dichloroethane-d4	%		100		06/12/98
Surrogate - Toluene-d8	%		102		06/12/98
Surrogate - 4-Bromofluorobenzene	%		88		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 10

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373022		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	0.0004	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/12/98
Barium	mg/L	0.010	0.15		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.002	0.015		06/17/98
Chromium	mg/L	0.002	0.015		06/15/98
Cobalt	mg/L	0.020	0.39		06/16/98
Copper	mg/L	0.010	0.024		06/11/98
Lead	mg/L	0.005	0.012		06/11/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	0.019		06/15/98
Zinc	mg/L	0.010	0.063		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060998	3510	06/09/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/12/98
Naphthalene	ug/L	10	ND	8260	06/12/98
alpha-BHC	ug/L	0.05	ND	8081	06/16/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/12/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/12/98
Bromomethane	ug/L	10	ND		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 11

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373022		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/12/98
Trichlorofluoromethane	ug/L	5.0	ND		06/12/98
Acetone	ug/L	100	ND		06/12/98
1,1-Dichloroethene	ug/L	5.0	ND		06/12/98
Methyl iodide	ug/L	5.0	ND		06/12/98
Acrylonitrile	ug/L	100	ND		06/12/98
Dichloromethane	ug/L	5.0	ND		06/12/98
Carbon disulfide	ug/L	5.0	ND		06/12/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/12/98
1,1-Dichloroethane	ug/L	5.0	10		06/12/98
Vinyl acetate	ug/L	50	ND		06/12/98
Methyl ethyl ketone	ug/L	100	ND		06/12/98
cis-1,2-Dichloroethene	ug/L	5.0	18		06/12/98
Chloroform	ug/L	5.0	ND		06/12/98
Bromochloromethane	ug/L	5.0	ND		06/12/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/12/98
1,2-Dichloroethane	ug/L	5.0	ND		06/12/98
Carbon tetrachloride	ug/L	5.0	ND		06/12/98
Benzene	ug/L	5.0	ND		06/12/98
Trichloroethene	ug/L	5.0	ND		06/12/98
1,2-Dichloropropane	ug/L	5.0	ND		06/12/98
Dibromomethane	ug/L	5.0	ND		06/12/98
Bromodichloromethane	ug/L	5.0	ND		06/12/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/12/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/12/98
Toluene	ug/L	5.0	ND		06/12/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/12/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/12/98
2-Hexanone	ug/L	50	ND		06/12/98
Dibromochloromethane	ug/L	5.0	ND		06/12/98
Tetrachloroethylene	ug/L	5.0	ND		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 12

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373022		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-4R		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/12/98
Chlorobenzene	ug/L	5.0	ND		06/12/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
Ethylbenzene	ug/L	5.0	ND		06/12/98
Xylenes, (total)	ug/L	5.0	ND		06/12/98
Styrene	ug/L	5.0	ND		06/12/98
Bromoform	ug/L	5.0	ND		06/12/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/12/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/12/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/12/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/12/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/12/98
Surrogate - Dibromofluoromethane	%		92		06/12/98
Surrogate - 1,2-Dichloroethane-d4	%		94		06/12/98
Surrogate - Toluene-d8	%		103		06/12/98
Surrogate - 4-Bromofluorobenzene	%		95		06/12/98

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

Pace Analytical

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

Mr. Rick Allison
Page 13

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373030		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	ND	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	0.008		06/12/98
Barium	mg/L	0.010	1.8		06/11/98
Beryllium	mg/L	0.006	0.013		06/16/98
Cadmium	mg/L	0.001	0.003		06/17/98
Chromium	mg/L	0.040	1.8		06/15/98
Cobalt	mg/L	0.040	1.4		06/16/98
Copper	mg/L	0.010	0.49		06/11/98
Lead	mg/L	0.005	0.078		06/12/98
Nickel	mg/L	0.05	0.52		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.10	0.52		06/15/98
Zinc	mg/L	0.010	1.5		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060998	3510	06/09/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/13/98
Naphthalene	ug/L	10	ND	8260	06/13/98
alpha-BHC	ug/L	0.05	ND	8081	06/16/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/13/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/13/98
Bromomethane	ug/L	10	ND		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 14

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373030		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/13/98
Trichlorofluoromethane	ug/L	5.0	ND		06/13/98
Acetone	ug/L	100	ND		06/13/98
1,1-Dichloroethene	ug/L	5.0	ND		06/13/98
Methyl iodide	ug/L	5.0	ND		06/13/98
Acrylonitrile	ug/L	100	ND		06/13/98
Dichloromethane	ug/L	5.0	ND		06/13/98
Carbon disulfide	ug/L	5.0	ND		06/13/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
1,1-Dichloroethane	ug/L	5.0	22		06/13/98
Vinyl acetate	ug/L	50	ND		06/13/98
Methyl ethyl ketone	ug/L	100	ND		06/13/98
cis-1,2-Dichloroethene	ug/L	5.0	8.3		06/13/98
Chloroform	ug/L	5.0	ND		06/13/98
Bromochloromethane	ug/L	5.0	ND		06/13/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/13/98
1,2-Dichloroethane	ug/L	5.0	ND		06/13/98
Carbon tetrachloride	ug/L	5.0	ND		06/13/98
Benzene	ug/L	5.0	5.6		06/13/98
Trichloroethene	ug/L	5.0	ND		06/13/98
1,2-Dichloropropane	ug/L	5.0	ND		06/13/98
Dibromomethane	ug/L	5.0	ND		06/13/98
Bromodichloromethane	ug/L	5.0	ND		06/13/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/13/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/13/98
Toluene	ug/L	5.0	ND		06/13/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/13/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/13/98
2-Hexanone	ug/L	50	ND		06/13/98
Dibromochloromethane	ug/L	5.0	ND		06/13/98
Tetrachloroethylene	ug/L	5.0	ND		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 15

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373030		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/13/98
Chlorobenzene	ug/L	5.0	ND		06/13/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
Ethylbenzene	ug/L	5.0	ND		06/13/98
Xylenes, (total)	ug/L	5.0	ND		06/13/98
Styrene	ug/L	5.0	ND		06/13/98
Bromoform	ug/L	5.0	ND		06/13/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/13/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/13/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/13/98
Surrogate - Dibromofluoromethane	%		107		06/13/98
Surrogate - 1,2-Dichloroethane-d4	%		103		06/13/98
Surrogate - Toluene-d8	%		98		06/13/98
Surrogate - 4-Bromofluorobenzene	%		88		06/13/98

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

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

Pace Analytical

Mr. Rick Allison
Page 16

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373049		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0004	0.013	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/17/98
Barium	mg/L	0.010	1.1		06/11/98
Beryllium	mg/L	0.001	0.003		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.010	0.23		06/15/98
Cobalt	mg/L	0.002	0.048		06/16/98
Copper	mg/L	0.010	0.064		06/11/98
Lead	mg/L	0.005	0.016		06/12/98
Nickel	mg/L	0.05	0.088		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.010	0.10		06/15/98
Zinc	mg/L	0.010	0.14		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060998	3510	06/09/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/13/98
Naphthalene	ug/L	10	ND	8260	06/13/98
alpha-BHC	ug/L	0.05	ND	8081	06/16/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/13/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/13/98
Bromomethane	ug/L	10	ND		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 17

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373049		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/13/98
Trichlorofluoromethane	ug/L	5.0	ND		06/13/98
Acetone	ug/L	100	ND		06/13/98
1,1-Dichloroethene	ug/L	5.0	ND		06/13/98
Methyl iodide	ug/L	5.0	ND		06/13/98
Acrylonitrile	ug/L	100	ND		06/13/98
Dichloromethane	ug/L	5.0	ND		06/13/98
Carbon disulfide	ug/L	5.0	ND		06/13/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
1,1-Dichloroethane	ug/L	5.0	ND		06/13/98
Vinyl acetate	ug/L	50	ND		06/13/98
Methyl ethyl ketone	ug/L	100	ND		06/13/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
Chloroform	ug/L	5.0	ND		06/13/98
Bromochloromethane	ug/L	5.0	ND		06/13/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/13/98
1,2-Dichloroethane	ug/L	5.0	ND		06/13/98
Carbon tetrachloride	ug/L	5.0	ND		06/13/98
Benzene	ug/L	5.0	ND		06/13/98
Trichloroethene	ug/L	5.0	ND		06/13/98
1,2-Dichloropropane	ug/L	5.0	ND		06/13/98
Dibromomethane	ug/L	5.0	ND		06/13/98
Bromodichloromethane	ug/L	5.0	ND		06/13/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/13/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/13/98
Toluene	ug/L	5.0	ND		06/13/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/13/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/13/98
2-Hexanone	ug/L	50	ND		06/13/98
Dibromochloromethane	ug/L	5.0	ND		06/13/98
Tetrachloroethylene	ug/L	5.0	ND		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 18

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373049		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/13/98
Chlorobenzene	ug/L	5.0	ND		06/13/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
Ethylbenzene	ug/L	5.0	ND		06/13/98
Xylenes, (total)	ug/L	5.0	ND		06/13/98
Styrene	ug/L	5.0	ND		06/13/98
Bromoform	ug/L	5.0	ND		06/13/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/13/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/13/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/13/98
Surrogate - Dibromofluoromethane	%		100		06/13/98
Surrogate - 1,2-Dichloroethane-d4	%		98		06/13/98
Surrogate - Toluene-d8	%		95		06/13/98
Surrogate - 4-Bromofluorobenzene	%		89		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 19

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL		METHOD	DATE ANALYZED
PACE Sample Number:			92 0373057		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-7		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/13/98
Mercury	mg/L	0.0002	ND	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/17/98
Barium	mg/L	0.010	0.031		06/11/98
Beryllium	mg/L	0.001	0.002		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	0.011		06/15/98
Cobalt	mg/L	0.002	0.003		06/16/98
Copper	mg/L	0.010	0.013		06/11/98
Lead	mg/L	0.005	0.008		06/12/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	0.016		06/15/98
Zinc	mg/L	0.010	0.044		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060998	3510	06/09/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/13/98
Naphthalene	ug/L	10	ND	8260	06/13/98
alpha-BHC	ug/L	0.05	ND	8081	06/16/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/13/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/13/98
Bromomethane	ug/L	10	ND		06/13/98

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

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

Pace Analytical

Mr. Rick Allison
Page 20

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373057		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/13/98
Trichlorofluoromethane	ug/L	5.0	ND		06/13/98
Acetone	ug/L	100	ND		06/13/98
1,1-Dichloroethene	ug/L	5.0	ND		06/13/98
Methyl iodide	ug/L	5.0	ND		06/13/98
Acrylonitrile	ug/L	100	ND		06/13/98
Dichloromethane	ug/L	5.0	ND		06/13/98
Carbon disulfide	ug/L	5.0	ND		06/13/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
1,1-Dichloroethane	ug/L	5.0	14		06/13/98
Vinyl acetate	ug/L	50	ND		06/13/98
Methyl ethyl ketone	ug/L	100	ND		06/13/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
Chloroform	ug/L	5.0	ND		06/13/98
Bromochloromethane	ug/L	5.0	ND		06/13/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/13/98
1,2-Dichloroethane	ug/L	5.0	ND		06/13/98
Carbon tetrachloride	ug/L	5.0	ND		06/13/98
Benzene	ug/L	5.0	ND		06/13/98
Trichloroethene	ug/L	5.0	ND		06/13/98
1,2-Dichloropropane	ug/L	5.0	ND		06/13/98
Dibromomethane	ug/L	5.0	ND		06/13/98
Bromodichloromethane	ug/L	5.0	ND		06/13/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/13/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/13/98
Toluene	ug/L	5.0	ND		06/13/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/13/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/13/98
2-Hexanone	ug/L	50	ND		06/13/98
Dibromochloromethane	ug/L	5.0	ND		06/13/98
Tetrachloroethylene	ug/L	5.0	ND		06/13/98

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

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

Pace Analytical

Mr. Rick Allison
Page 21

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373057		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/13/98
Chlorobenzene	ug/L	5.0	ND		06/13/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
Ethylbenzene	ug/L	5.0	ND		06/13/98
Xylenes, (total)	ug/L	5.0	ND		06/13/98
Styrene	ug/L	5.0	ND		06/13/98
Bromoform	ug/L	5.0	ND		06/13/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/13/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/13/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/13/98
Surrogate - Dibromofluoromethane	%		98		06/13/98
Surrogate - 1,2-Dichloroethane-d4	%		98		06/13/98
Surrogate - Toluene-d8	%		95		06/13/98
Surrogate - 4-Bromofluorobenzene	%		93		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 22

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373065		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Cyanide, Total	mg/L	0.002	ND	335.3	06/18/98
Mercury	mg/L	0.0002	0.0024	245.1	06/17/98
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/17/98
Barium	mg/L	0.010	0.10		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	0.006		06/15/98
Cobalt	mg/L	0.002	0.005		06/16/98
Copper	mg/L	0.010	ND		06/11/98
Lead	mg/L	0.005	0.006		06/12/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	0.012		06/15/98
Zinc	mg/L	0.010	0.052		06/11/98
ORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Date Extracted, Pesticides & PCBs	Date		060998	3510	06/09/98
Heptachlor	ug/L	0.05	ND	8081	06/16/98
Methyl methacrylate	ug/L	10	ND	8260	06/13/98
Naphthalene	ug/L	10	ND	8260	06/13/98
alpha-BHC	ug/L	0.05	ND	8081	06/16/98
beta-BHC	ug/L	0.05	ND	8081	06/16/98
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/13/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/13/98
Bromomethane	ug/L	10	ND		06/13/98

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

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

Pace Analytical

Mr. Rick Allison
Page 23

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373065		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Chloroethane	ug/L	10	ND		06/13/98
Trichlorofluoromethane	ug/L	5.0	ND		06/13/98
Acetone	ug/L	100	ND		06/13/98
1,1-Dichloroethene	ug/L	5.0	ND		06/13/98
Methyl iodide	ug/L	5.0	ND		06/13/98
Acrylonitrile	ug/L	100	ND		06/13/98
Dichloromethane	ug/L	5.0	ND		06/13/98
Carbon disulfide	ug/L	5.0	8.0		06/13/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
1,1-Dichloroethane	ug/L	5.0	12		06/13/98
Vinyl acetate	ug/L	50	ND		06/13/98
Methyl ethyl ketone	ug/L	100	ND		06/13/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/13/98
Chloroform	ug/L	5.0	ND		06/13/98
Bromochloromethane	ug/L	5.0	ND		06/13/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/13/98
1,2-Dichloroethane	ug/L	5.0	ND		06/13/98
Carbon tetrachloride	ug/L	5.0	ND		06/13/98
Benzene	ug/L	5.0	ND		06/13/98
Trichloroethene	ug/L	5.0	ND		06/13/98
1,2-Dichloropropane	ug/L	5.0	ND		06/13/98
Dibromomethane	ug/L	5.0	ND		06/13/98
Bromodichloromethane	ug/L	5.0	ND		06/13/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/13/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/13/98
Toluene	ug/L	5.0	ND		06/13/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/13/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/13/98
2-Hexanone	ug/L	50	ND		06/13/98
Dibromochloromethane	ug/L	5.0	ND		06/13/98
Tetrachloroethylene	ug/L	5.0	ND		06/13/98

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

Pace Analytical

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

Mr. Rick Allison
Page 24

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373065		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			MW-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,2-Dibromoethane	ug/L	5.0	ND		06/13/98
Chlorobenzene	ug/L	5.0	ND		06/13/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
Ethylbenzene	ug/L	5.0	ND		06/13/98
Xylenes, (total)	ug/L	5.0	ND		06/13/98
Styrene	ug/L	5.0	ND		06/13/98
Bromoform	ug/L	5.0	ND		06/13/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/13/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/13/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/13/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/13/98
1,2-Dibromo-3-chloropropane	ug/L	10	ND		06/13/98
Surrogate - Dibromofluoromethane	%		95		06/13/98
Surrogate - 1,2-Dichloroethane-d4	%		94		06/13/98
Surrogate - Toluene-d8	%		100		06/13/98
Surrogate - 4-Bromofluorobenzene	%		86		06/13/98

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

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

Pace Analytical

Mr. Rick Allison
Page 25

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373073		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			SW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/17/98
Barium	mg/L	0.010	0.038		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	ND		06/15/98
Cobalt	mg/L	0.002	0.005		06/16/98
Copper	mg/L	0.010	ND		06/11/98
Lead	mg/L	0.005	0.011		06/12/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	ND		06/15/98
Zinc	mg/L	0.010	0.019		06/11/98
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/16/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/16/98
Bromomethane	ug/L	10	ND		06/16/98
Chloroethane	ug/L	10	ND		06/16/98
Trichlorofluoromethane	ug/L	5.0	ND		06/16/98
Acetone	ug/L	100	ND		06/16/98
1,1-Dichloroethene	ug/L	5.0	ND		06/16/98
Methyl iodide	ug/L	5.0	ND		06/16/98
Acrylonitrile	ug/L	100	ND		06/16/98
Dichloromethane	ug/L	5.0	ND		06/16/98
Carbon disulfide	ug/L	5.0	ND		06/16/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
1,1-Dichloroethane	ug/L	5.0	ND		06/16/98

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

Pace Analytical

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

Mr. Rick Allison
Page 26

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373073		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			SW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Vinyl acetate	ug/L	50	ND		06/16/98
Methyl ethyl ketone	ug/L	100	ND		06/16/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
Chloroform	ug/L	5.0	ND		06/16/98
Bromochloromethane	ug/L	5.0	ND		06/16/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/16/98
1,2-Dichloroethane	ug/L	5.0	ND		06/16/98
Carbon tetrachloride	ug/L	5.0	ND		06/16/98
Benzene	ug/L	5.0	ND		06/16/98
Trichloroethene	ug/L	5.0	ND		06/16/98
1,2-Dichloropropane	ug/L	5.0	ND		06/16/98
Dibromomethane	ug/L	5.0	ND		06/16/98
Bromodichloromethane	ug/L	5.0	ND		06/16/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/16/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/16/98
Toluene	ug/L	5.0	ND		06/16/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/16/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/16/98
2-Hexanone	ug/L	50	ND		06/16/98
Dibromochloromethane	ug/L	5.0	ND		06/16/98
Tetrachloroethylene	ug/L	5.0	ND		06/16/98
1,2-Dibromoethane	ug/L	5.0	ND		06/16/98
Chlorobenzene	ug/L	5.0	ND		06/16/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
Ethylbenzene	ug/L	5.0	ND		06/16/98
Xylenes, (total)	ug/L	5.0	ND		06/16/98
Styrene	ug/L	5.0	ND		06/16/98
Bromoform	ug/L	5.0	ND		06/16/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/16/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/16/98

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

Pace Analytical

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

Mr. Rick Allison
Page 27

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373073		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			SW-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,4-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		06/16/98
Surrogate - Dibromofluoromethane	%		94		06/16/98
Surrogate - 1,2-Dichloroethane-d4	%		96		06/16/98
Surrogate - Toluene-d8	%		97		06/16/98
Surrogate - 4-Bromofluorobenzene	%		94		06/16/98

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

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

Pace Analytical

Mr. Rick Allison
Page 28

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373081		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			SW-TS-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
APPENDIX I, LANDFILL METALS				SW846	
Antimony	mg/L	0.005	ND		06/16/98
Arsenic	mg/L	0.005	ND		06/17/98
Barium	mg/L	0.010	0.041		06/11/98
Beryllium	mg/L	0.001	ND		06/16/98
Cadmium	mg/L	0.001	ND		06/17/98
Chromium	mg/L	0.002	ND		06/15/98
Cobalt	mg/L	0.002	0.003		06/16/98
Copper	mg/L	0.010	ND		06/11/98
Lead	mg/L	0.005	ND		06/12/98
Nickel	mg/L	0.05	ND		06/11/98
Selenium	mg/L	0.005	ND		06/15/98
Silver	mg/L	0.002	ND		06/15/98
Thallium	mg/L	0.002	ND		06/16/98
Vanadium	mg/L	0.005	ND		06/15/98
Zinc	mg/L	0.010	0.010		06/11/98
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/17/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/17/98
Bromomethane	ug/L	10	ND		06/17/98
Chloroethane	ug/L	10	ND		06/17/98
Trichlorofluoromethane	ug/L	5.0	ND		06/17/98
Acetone	ug/L	100	ND		06/17/98
1,1-Dichloroethene	ug/L	5.0	ND		06/17/98
Methyl iodide	ug/L	5.0	ND		06/17/98
Acrylonitrile	ug/L	100	ND		06/17/98
Dichloromethane	ug/L	5.0	ND		06/17/98
Carbon disulfide	ug/L	5.0	ND		06/17/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/17/98
1,1-Dichloroethane	ug/L	5.0	ND		06/17/98

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

Pace Analytical

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

Mr. Rick Allison
Page 29

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373081		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			~~SW-1~~ SW-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Vinyl acetate	ug/L	50	ND		06/17/98
Methyl ethyl ketone	ug/L	100	ND		06/17/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/17/98
Chloroform	ug/L	5.0	ND		06/17/98
Bromochloromethane	ug/L	5.0	ND		06/17/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/17/98
1,2-Dichloroethane	ug/L	5.0	ND		06/17/98
Carbon tetrachloride	ug/L	5.0	ND		06/17/98
Benzene	ug/L	5.0	ND		06/17/98
Trichloroethene	ug/L	5.0	ND		06/17/98
1,2-Dichloropropane	ug/L	5.0	ND		06/17/98
Dibromomethane	ug/L	5.0	ND		06/17/98
Bromodichloromethane	ug/L	5.0	ND		06/17/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/17/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/17/98
Toluene	ug/L	5.0	ND		06/17/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/17/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/17/98
2-Hexanone	ug/L	50	ND		06/17/98
Dibromochloromethane	ug/L	5.0	ND		06/17/98
Tetrachloroethylene	ug/L	5.0	ND		06/17/98
1,2-Dibromoethane	ug/L	5.0	ND		06/17/98
Chlorobenzene	ug/L	5.0	ND		06/17/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/17/98
Ethylbenzene	ug/L	5.0	ND		06/17/98
Xylenes, (total)	ug/L	5.0	ND		06/17/98
Styrene	ug/L	5.0	ND		06/17/98
Bromoform	ug/L	5.0	ND		06/17/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/17/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/17/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/17/98

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

Pace Analytical

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

Mr. Rick Allison
Page 30

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373081		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			~~SW-1~~ Sw-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
1,4-Dichlorobenzene	ug/L	5.0	ND		06/17/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/17/98
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		06/17/98
Surrogate - Dibromofluoromethane	%		98		06/17/98
Surrogate - 1,2-Dichloroethane-d4	%		93		06/17/98
Surrogate - Toluene-d8	%		92		06/17/98
Surrogate - 4-Bromofluorobenzene	%		93		06/17/98

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

Pace Analytical

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

Mr. Rick Allison

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373090		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Field		
Parameter	Units	PRL	Blank	METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/16/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/16/98
Bromomethane	ug/L	10	ND		06/16/98
Chloroethane	ug/L	10	ND		06/16/98
Trichlorofluoromethane	ug/L	5.0	ND		06/16/98
Acetone	ug/L	100	ND		06/16/98
1,1-Dichloroethene	ug/L	5.0	ND		06/16/98
Methyl iodide	ug/L	5.0	ND		06/16/98
Acrylonitrile	ug/L	100	ND		06/16/98
Dichloromethane	ug/L	5.0	ND		06/16/98
Carbon disulfide	ug/L	5.0	ND		06/16/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
1,1-Dichloroethane	ug/L	5.0	ND		06/16/98
Vinyl acetate	ug/L	50	ND		06/16/98
Methyl ethyl ketone	ug/L	100	ND		06/16/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
Chloroform	ug/L	5.0	ND		06/16/98
Bromochloromethane	ug/L	5.0	ND		06/16/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/16/98
1,2-Dichloroethane	ug/L	5.0	ND		06/16/98
Carbon tetrachloride	ug/L	5.0	ND		06/16/98
Benzene	ug/L	5.0	ND		06/16/98
Trichloroethene	ug/L	5.0	ND		06/16/98
1,2-Dichloropropane	ug/L	5.0	ND		06/16/98
Dibromomethane	ug/L	5.0	ND		06/16/98
Bromodichloromethane	ug/L	5.0	ND		06/16/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/16/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/16/98
Toluene	ug/L	5.0	ND		06/16/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/16/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/16/98

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

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

Pace Analytical

Mr. Rick Allison
Page 32

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL	Field Blank	METHOD	DATE ANALYZED
PACE Sample Number:			92 0373090		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Field		
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
2-Hexanone	ug/L	50	ND		06/16/98
Dibromochloromethane	ug/L	5.0	ND		06/16/98
Tetrachloroethylene	ug/L	5.0	ND		06/16/98
1,2-Dibromoethane	ug/L	5.0	ND		06/16/98
Chlorobenzene	ug/L	5.0	ND		06/16/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
Ethylbenzene	ug/L	5.0	ND		06/16/98
Xylenes, (total)	ug/L	5.0	ND		06/16/98
Styrene	ug/L	5.0	ND		06/16/98
Bromoform	ug/L	5.0	ND		06/16/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/16/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/16/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		06/16/98
Surrogate - Dibromofluoromethane	%		99		06/16/98
Surrogate - 1,2-Dichloroethane-d4	%		97		06/16/98
Surrogate - Toluene-d8	%		95		06/16/98
Surrogate - 4-Bromofluorobenzene	%		96		06/16/98

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

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

Pace Analytical

Mr. Rick Allison
Page 33

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373103		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Equip		
Parameter	Units	PRL	Blank	METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/16/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/16/98
Bromomethane	ug/L	10	ND		06/16/98
Chloroethane	ug/L	10	ND		06/16/98
Trichlorofluoromethane	ug/L	5.0	ND		06/16/98
Acetone	ug/L	100	ND		06/16/98
1,1-Dichloroethene	ug/L	5.0	ND		06/16/98
Methyl iodide	ug/L	5.0	ND		06/16/98
Acrylonitrile	ug/L	100	ND		06/16/98
Dichloromethane	ug/L	5.0	ND		06/16/98
Carbon disulfide	ug/L	5.0	ND		06/16/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
1,1-Dichloroethane	ug/L	5.0	ND		06/16/98
Vinyl acetate	ug/L	50	ND		06/16/98
Methyl ethyl ketone	ug/L	100	ND		06/16/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
Chloroform	ug/L	5.0	ND		06/16/98
Bromochloromethane	ug/L	5.0	ND		06/16/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/16/98
1,2-Dichloroethane	ug/L	5.0	ND		06/16/98
Carbon tetrachloride	ug/L	5.0	ND		06/16/98
Benzene	ug/L	5.0	ND		06/16/98
Trichloroethene	ug/L	5.0	ND		06/16/98
1,2-Dichloropropane	ug/L	5.0	ND		06/16/98
Dibromomethane	ug/L	5.0	ND		06/16/98
Bromodichloromethane	ug/L	5.0	ND		06/16/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/16/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/16/98
Toluene	ug/L	5.0	ND		06/16/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/16/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/16/98

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

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

Pace Analytical

Mr. Rick Allison
Page 34

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373103		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Equip		
Parameter	Units	PRL	Blank	METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
2-Hexanone	ug/L	50	ND		06/16/98
Dibromochloromethane	ug/L	5.0	ND		06/16/98
Tetrachloroethylene	ug/L	5.0	ND		06/16/98
1,2-Dibromoethane	ug/L	5.0	ND		06/16/98
Chlorobenzene	ug/L	5.0	ND		06/16/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
Ethylbenzene	ug/L	5.0	ND		06/16/98
Xylenes, (total)	ug/L	5.0	ND		06/16/98
Styrene	ug/L	5.0	ND		06/16/98
Bromoform	ug/L	5.0	ND		06/16/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/16/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/16/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		06/16/98
Surrogate - Dibromofluoromethane	%		96		06/16/98
Surrogate - 1,2-Dichloroethane-d4	%		102		06/16/98
Surrogate - Toluene-d8	%		97		06/16/98
Surrogate - 4-Bromofluorobenzene	%		95		06/16/98

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

Pace Analytical

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

Mr. Rick Allison

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

PACE Sample Number:			92 0373111		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Trip		
Parameter	Units	PRL	Blank	METHOD	DATE ANALYZED
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
Methyl Chloride	ug/L	10	ND		06/16/98
Chloroethene (Vinyl chloride)	ug/L	10	ND		06/16/98
Bromomethane	ug/L	10	ND		06/16/98
Chloroethane	ug/L	10	ND		06/16/98
Trichlorofluoromethane	ug/L	5.0	ND		06/16/98
Acetone	ug/L	100	ND		06/16/98
1,1-Dichloroethene	ug/L	5.0	ND		06/16/98
Methyl iodide	ug/L	5.0	ND		06/16/98
Acrylonitrile	ug/L	100	ND		06/16/98
Dichloromethane	ug/L	5.0	ND		06/16/98
Carbon disulfide	ug/L	5.0	ND		06/16/98
trans-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
1,1-Dichloroethane	ug/L	5.0	ND		06/16/98
Vinyl acetate	ug/L	50	ND		06/16/98
Methyl ethyl ketone	ug/L	100	ND		06/16/98
cis-1,2-Dichloroethene	ug/L	5.0	ND		06/16/98
Chloroform	ug/L	5.0	ND		06/16/98
Bromochloromethane	ug/L	5.0	ND		06/16/98
1,1,1-Trichloroethane	ug/L	5.0	ND		06/16/98
1,2-Dichloroethane	ug/L	5.0	ND		06/16/98
Carbon tetrachloride	ug/L	5.0	ND		06/16/98
Benzene	ug/L	5.0	ND		06/16/98
Trichloroethene	ug/L	5.0	ND		06/16/98
1,2-Dichloropropane	ug/L	5.0	ND		06/16/98
Dibromomethane	ug/L	5.0	ND		06/16/98
Bromodichloromethane	ug/L	5.0	ND		06/16/98
4-Methyl-2-pentanone (MIBK)	ug/L	50	ND		06/16/98
cis-1,3-Dichloropropene	ug/L	5.0	ND		06/16/98
Toluene	ug/L	5.0	ND		06/16/98
trans-1,3-Dichloro-1-propene	ug/L	5.0	ND		06/16/98
1,1,2-Trichloroethane	ug/L	5.0	ND		06/16/98

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

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

Pace Analytical

Mr. Rick Allison
Page 36

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Parameter	Units	PRL	Trip Blank	METHOD	DATE ANALYZED
PACE Sample Number:			92 0373111		
Date Collected:			06/04/98		
Date Received:			06/05/98		
Client Sample ID:			Trip		
ORGANIC ANALYSIS					
APPENDIX I, LANDFILL VOLATILES				8260	
2-Hexanone	ug/L	50	ND		06/16/98
Dibromochloromethane	ug/L	5.0	ND		06/16/98
Tetrachloroethylene	ug/L	5.0	ND		06/16/98
1,2-Dibromoethane	ug/L	5.0	ND		06/16/98
Chlorobenzene	ug/L	5.0	ND		06/16/98
1,1,1,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
Ethylbenzene	ug/L	5.0	ND		06/16/98
Xylenes, (total)	ug/L	5.0	ND		06/16/98
Styrene	ug/L	5.0	ND		06/16/98
Bromoform	ug/L	5.0	ND		06/16/98
1,1,2,2-Tetrachloroethane	ug/L	5.0	ND		06/16/98
1,2,3-Trichloropropane	ug/L	5.0	ND		06/16/98
trans-1,4-Dichloro-2-butene	ug/L	5.0	ND		06/16/98
1,4-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dichlorobenzene	ug/L	5.0	ND		06/16/98
1,2-Dibromo-3-chloropropane	ug/L	5.0	ND		06/16/98
Surrogate - Dibromofluoromethane	%		102		06/16/98
Surrogate - 1,2-Dichloroethane-d4	%		104		06/16/98
Surrogate - Toluene-d8	%		96		06/16/98
Surrogate - 4-Bromofluorobenzene	%		97		06/16/98

Appendix I Metals
Analytical Methods: Barium, Copper, Nickel, Zinc - 6010A

Antimony	- 7041	Arsenic	- 7060A
Beryllium	- 7091	Cadmium	- 7131A
Chromium	- 7191	Cobalt	- 7201
Selenium	- 7740	Lead	- 7421
Thallium	- 7841	Silver	- 7761
Vanadium	- 7911		

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

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

Pace Analytical

Mr. Rick Allison
Page 37

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

These data have been reviewed and are approved for release.

Margaret S. Harding
Manager, Laboratory Operations

Laboratory Certification IDs	
NC Wastewater	12
NC Drinking Water	37706
SC	99006

REPORT OF LABORATORY ANALYSIS

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

Laboratory Certification IDs	
KY Drinking Water	90090
TN UST List	
VA Drinking Water	213

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

Pace Analytical

Mr. Rick Allison
Page 38

FOOTNOTES
for pages 1 through 37

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

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

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

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

Pace Analytical

Mr. Rick Allison
Page 39

QUALITY CONTROL DATA

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Antimony
Batch: 92 74117
Samples: 92 0372999, 92 0373006, 92 0373014, 92 0373022, 92 0373030
92 0373049, 92 0373057, 92 0373065, 92 0373073, 92 0373081

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	PRL	Method Blank	920372565	Duplicate of 92 0372565	RPD
Antimony	mg/L	0.005	ND	ND	ND	NC

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920372573	Spike	Spike Recv	Spike Dupl Recv	RPD
Antimony	mg/L	0.005	ND	0.025	95%	108%	13%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Antimony	mg/L	0.005	0.025	104%	95%	9%

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

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

Pace Analytical

Mr. Rick Allison
Page 40

QUALITY CONTROL DATA

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Arsenic
Batch: 92 73982
Samples: 92 0372999, 92 0373006, 92 0373014, 92 0373022, 92 0373030

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	PRL	Method Blank	920372506	Duplicate of 92 0372506	RPD
Arsenic	mg/L	0.005	ND	ND	ND	NC

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920372514	Spike	Spike Recv	Spike Dupl Recv	RPD
Arsenic	mg/L	0.005	ND	0.025	103%	105%	2%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Arsenic	mg/L	0.005	0.025	104%	103%	1%

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

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

Pace Analytical

Mr. Rick Allison
Page 41

QUALITY CONTROL DATA

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Arsenic
Batch: 92 74156
Samples: 92 0373049, 92 0373057, 92 0373065, 92 0373073, 92 0373081

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	PRL	Method Blank	920373049 MW-6	Duplicate of 92 0373049	RPD
Arsenic	mg/L	0.005	ND	ND	ND	NC

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920373057 MW-7	Spike	Spike Recv	Spike Dupl Recv	RPD
Arsenic	mg/L	0.005	ND	0.025	102%	100%	2%

LABORATORY CONTROL SAMPLE:

Parameter	Units	PRL	Reference Value	Recv
Arsenic	mg/L	0.005	0.025	100%

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

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

Pace Analytical

Mr. Rick Allison
Page 42

QUALITY CONTROL DATA

June 22, 1998
PACE Project Number: 680605514

Client Reference: Alexander/G97043.0

Beryllium
Batch: 92 74116
Samples: 92 0372999, 92 0373006, 92 0373014, 92 0373022, 92 0373030
92 0373049, 92 0373057, 92 0373065, 92 0373073, 92 0373081

METHOD BLANK AND SAMPLE DUPLICATE:

Parameter	Units	PRL	Method Blank	920372506	Duplicate of 92 0372506	RPD
Beryllium	mg/L	0.001	ND	0.005	0.005	0%

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	920372514	Spike	Spike Recv	Spike Dupl Recv	RPD
Beryllium	mg/L	0.001	0.002				
Beryllium	mg/L	0.002		0.003	122%	127%	4%
					MI	MI	

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Beryllium	mg/L	0.001	0.003	105%	106%	1%

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

ALEXANDER COUNTY: MONITORING WELL #1A (NEW)		10/1/94	1/31/95	2/15/95	3/7/95	12/6/95	5/7/96	11/11/96	6/24/97	12/3/97	6/4/98			
CONSTITUENT	**NC GW STND (mg/L)**	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5	SAMPLE #6	SAMPLE #7	SAMPLE #8	SAMPLE #9	SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	0.7200	0.8070	0.6780				0.2700	0.0290	0.2900	1.0000	0.3231	0.5420	0.6780
(4) BERYLLIUM	NE		0.0030							0.0010	0.0050	0.0016	0.0030	0.0030
(5) CADMIUM	0.0050													
(6) CHROMIUM	0.050	**0.1200**	**0.1820**	**0.0820**	0.0250	0.0210	0.0330		0.0030	**0.0740**	**0.4000**	0.1172	0.1044	0.0740
(7) COBALT	NE	0.2200	0.1460	0.1280	0.0240	0.0310	0.0160	0.0060	0.0030	0.0360	0.1400	0.0725	0.0750	0.0335
(8) COPPER	1.0	0.2600						0.0110		0.0680	0.2100	0.1014	0.1373	0.1390
(9) LEAD	0.0150	**0.0580**	**0.0530**	**0.0370**				0.0070		**0.0250**	**0.0700**	0.0212	0.0417	0.0450
(10) NICKEL	0.10	**0.1900**	**0.1030**	0.0910						0.0530	**0.1300**	0.0456	0.1134	0.1030
(11) SELENIUM	0.050													
(12) SILVER	0.0180													
(13) THALLIUM	NE													
(14) VANADIUM	NE	0.3300	0.1650	0.1100				0.0060		0.0850	0.2000	0.1014	0.1493	0.1375
(15) ZINC	2.10	0.2900	0.2650	0.2870	0.0560		0.0610	0.0100	0.0590	0.0930	0.3200	0.1190	0.1601	0.0930
	NC GW STND (µg/L)													
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0													
(19) BROMOCHLOROMETHANE	2.6000													
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(22) CARBON DISULFIDE	700													
(23) CARBON TETRACHLORIDE	0.30													
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE													
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700									2.0000		0.0000	2.0000	2.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70													
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29													
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80													
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE													
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530													

JUN 1998
Received
Solid Waste
Section

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	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0							0.0100	0.0480	0.0860	0.0360	0.0274	0.0450	0.0420
(4) BERYLLIUM	NE													
(5) CADMIUM	0.0050								0.0010			0.0000	0.0010	0.0010
(6) CHROMIUM	0.050	0.0090	0.0140		0.0140			0.0030	0.0060	0.0250	0.0030	0.0073	0.0106	0.0090
(7) COBALT	NE							0.0030	0.0030	0.0120	0.0030	0.0039	0.0053	0.0030
(8) COPPER	1.0								0.0110	0.0430		0.0160	0.0270	0.0270
(9) LEAD	0.0150									0.0080	0.0050			
(10) NICKEL	0.10													
(11) SELENIUM	0.050													
(12) SILVER	0.0180													
(13) THALLIUM	NE													
(14) VANADIUM	NE							0.0060		0.0340	0.0080	0.0128	0.0160	0.0080
(15) ZINC	2.10	0.0800			0.0510		0.0500	0.0290	0.1400	0.0800	0.0410	0.0345	0.0673	0.0510
	NC GW STND (µg/L)													
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0													
(19) BROMOCHLOROMETHANE	2.6000													
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(22) CARBON DISULFIDE	700								33.0000			0.0000	33.0000	33.0000
(23) CARBON TETRACHLORIDE	0.30													
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE									2.0000		0.0000	2.0000	2.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	19.0000	17.0000	17.0000	15.0000	13.0000	16.0000	15.0000	22.0000	19.0000	19.0000	2.4819	17.2000	17.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70													
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29													
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80													
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE													
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530													

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	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	0.1100						0.1500	0.0970	0.4400	0.1100	0.1305	0.1814	0.1100
(4) BERYLLIUM	NE									0.0050				
(5) CADMIUM	0.0050													
(6) CHROMIUM	0.050		0.0380	0.0130	0.0170			0.0030	0.0080	**0.1400**	**0.0210**	0.0444	0.0343	0.0170
(7) COBALT	NE		0.0170	0.0320	0.0260	0.0190	0.0210	0.0107	0.0030	0.0370	0.0180	0.0098	0.0204	0.0190
(8) COPPER	1.0								0.0100	0.1000	0.0220	0.0399	0.0440	0.0220
(9) LEAD	0.0150		**0.0160**					0.0090		**0.1000**	**0.0210**	0.0369	0.0365	0.0185
(10) NICKEL	0.10	**0.1800**	**0.4740**	**0.2430**	**0.2400**		0.0720	**0.2000**	**0.1300**	**1.2000**	**0.2100**	0.3255	0.3277	0.2100
(11) SELENIUM	0.050													
(12) SILVER	0.0180													
(13) THALLIUM	NE													
(14) VANADIUM	NE							0.0100	0.0150	0.1100	0.0170	0.0416	0.0380	0.0160
(15) ZINC	2.10		0.1160					0.0280	0.1100	0.1400	0.0360	0.0453	0.0860	0.1100
	NC GW STND (µg/L)													
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0	**9.0000**	**8.0000**	**9.0000**	**6.0000**		**9.0000**	**11.0000**	**8.3000**	**10.0000**	**8.8000**	1.2965	8.7889	9.0000
(19) BROMOCHLOROMETHANE	2.6000													
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190								6.6000			0.0000	6.6000	6.6000
(22) CARBON DISULFIDE	700													
(23) CARBON TETRACHLORIDE	0.30													
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE	12.0000	10.0000	12.0000	9.0000			10.0000		12.0000		1.2134	10.8333	11.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620					6.0000		5.2000		8.0000	7.6000	1.1446	6.7000	6.8000
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	22.0000	13.0000	18.0000	13.0000	9.0000	9.0000	8.8000	5.2000	6.0000		5.2356	11.5556	9.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70	12.0000	7.0000	13.0000	10.0000	10.0000	13.0000	12.0000	14.0000	17.0000	17.0000	2.9411	12.5000	12.5000
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560	**11.0000**	**6.0000**	**9.0000**	**7.0000**					**2.0000**		3.0332	7.0000	7.0000
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29									3.0000		0.0000	3.0000	3.0000
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5	**24.0000**		**14.0000**								5.0000	19.0000	19.0000
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE									1.0000		0.0000	1.0000	1.0000
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70						8.0000		7.6000	2.0000		2.7390	5.8667	7.6000
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE									4.0000		0.5000	4.5000	4.5000
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80			**5.0000**										
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE									2.0000		0.0000	2.0000	2.0000
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530	34.0000	20.0000	24.0000	22.0000	19.0000	34.0000		23.0000		23.0000	5.4872	24.8750	23.0000

ALEXANDER COUNTY: MONITORING WELL #4R (NEW)		10/1/94	1/31/95	2/15/95	3/7/95	12/6/95	5/6/96	11/11/96	6/24/97	12/3/97	6/4/98			
CONSTITUENT	NC GW STND (mg/L)	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5	SAMPLE #6	SAMPLE #7	SAMPLE #8	SAMPLE #9	SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	1.5000						0.1600	0.1200	0.2000	0.1500	0.5376	0.4260	0.1600
(4) BERYLLIUM	NE		0.0040		0.0020					0.0020		0.0009	0.0027	0.0020
(5) CADMIUM	0.0050	0.0020		0.0050		0.0020	0.0030	0.0070	0.0050	0.0100	0.0150	0.0042	0.0061	0.0050
(6) CHROMIUM	0.050	0.2800	0.0900	0.0170	0.0190				0.0080	0.0300	0.0150	0.0912	0.0656	0.0190
(7) COBALT	NE	0.7000	0.2620	0.2910	0.2250	0.3010	0.2780	0.2100	0.1200	0.4500	0.3900	0.1528	0.3227	0.2845
(8) COPPER	1.0	0.2400							0.0160	0.0370	0.0240	0.0931	0.0793	0.0305
(9) LEAD	0.0150	0.1000	0.0340					0.0060		0.0160	0.0120	0.0345	0.0336	0.0160
(10) NICKEL	0.10	0.5600	0.1050	0.0670		0.0560	0.0550			0.0500		0.1848	0.1488	0.0615
(11) SELENIUM	0.050													
(12) SILVER	0.0180													
(13) THALLIUM	NE													
(14) VANADIUM	NE	0.5900	0.0990	0.0570	0.0610			0.0100	0.1400	0.0450	0.0190	0.1791	0.1276	0.0590
(15) ZINC	2.10	0.7700	0.1550	0.1280	0.1120			0.0290	0.0780	0.1000	0.0630	0.2262	0.1794	0.1060
	NC GW STND (µg/L)													
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0									4.0000		0.0000	4.0000	4.0000
(19) BROMOCHLOROMETHANE	2.6000													
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(22) CARBON DISULFIDE	700								5.5000			0.0000	5.5000	5.5000
(23) CARBON TETRACHLORIDE	0.30													
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE					7.0000	13.0000			7.0000		2.8284	9.0000	7.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75									3.0000		0.0000	3.0000	3.0000
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	14.0000	17.0000	17.0000	14.0000	11.0000	13.0000	16.0000	13.0000	16.0000	10.0000	2.3000	14.1000	14.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70	10.0000	12.0000	12.0000	10.0000	7.0000	10.0000	16.0000	18.0000	20.0000	18.0000	4.1485	13.3000	12.0000
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29													
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80									3.0000		0.0000	3.0000	3.0000
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE													
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530													

ALEXANDER COUNTY: MONITORING WELL #5 (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	12/7/95 SAMPLE #5	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	3.4900	1.9800	1.4500	1.8200			1.6000	0.1800	0.0060	0.0080	0.0010	0.0070	0.0070
(4) BERYLLIUM	NE	0.0800	0.0190	0.0160	0.0160	0.0050	0.0040	0.0090	0.0020	0.7200	1.8000	0.9091	1.6300	1.7000
(5) CADMIUM	0.0050	0.0010						0.0030		0.0160	0.0130	0.0214	0.0180	0.0145
(6) CHROMIUM	0.050	0.6900	0.5120	0.5220	0.3920	0.1030	0.1430	0.0080	0.0670	0.0010	0.0030	0.0010	0.0020	0.0020
(7) COBALT	NE	0.9000	0.4960	0.4540	0.3200	0.0880	0.1570	0.0760	0.0360	0.7200	1.8000	0.5001	0.4957	0.4520
(8) COPPER	1.0	1.0700	0.7570	0.4640	0.6760				0.0380	0.3500	1.4000	0.4071	0.4277	0.3350
(9) LEAD	0.0150	0.0820	0.1180	0.1000	0.0850	0.0250	0.0200	0.0170		0.2700	0.4900	0.3116	0.5379	0.4900
(10) NICKEL	0.10	1.5100	0.8260	0.5080	0.8200	0.1800	0.1180			0.0500	0.0780	0.0350	0.0639	0.0780
(11) SELENIUM	0.050									0.3000	0.5200	0.4244	0.5978	0.5140
(12) SILVER	0.0180	0.0100												
(13) THALLIUM	NE											0.0000	0.0100	0.0100
(14) VANADIUM	NE	1.7700	0.4890	0.3920	0.5330	0.1370	0.1120	0.0020				0.0000	0.0020	0.0020
(15) ZINC	2.10	3.9100	2.4800	1.6500	2.1900	0.5100	0.3630	0.0520	0.1600	0.4800	0.5200	0.4704	0.4645	0.4360
	NC GW STND (µg/L)							0.2300	0.1700	0.8600	1.5000	1.1490	1.3863	1.1800
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0													
(19) BROMOCHLOROMETHANE	2.6000									4.0000	5.6000	0.8000	4.8000	4.8000
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(22) CARBON DISULFIDE	700													
(23) CARBON TETRACHLORIDE	0.30								36.0000			0.0000	36.0000	36.0000
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE													
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190									2.0000		0.0000	2.0000	2.0000
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	11.0000	12.0000	8.0000	7.0000	14.0000	16.0000	16.0000	15.0000	19.0000	22.0000	4.4272	14.0000	14.5000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70									4.0000	8.3000	2.1500	6.1500	6.1500
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29													
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70									1.0000		0.0000	1.0000	1.0000
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80									4.0000		0.0000	4.0000	4.0000
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE													
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530													

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	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	0.4200			0.5540			0.1900	0.0490	1.3000	1.1000	0.4557	0.6022	0.4870
(4) BERYLLIUM	NE									0.0030	0.0030	0.0000		
(5) CADMIUM	0.0050													
(6) CHROMIUM	0.050	**0.1150**	0.0430	0.0280	**0.0880**	0.0240	0.0190	0.0080		**0.2100**	**0.2300**	0.0793	0.0850	0.0430
(7) COBALT	NE		0.0250	0.0270	0.0370	0.0710	0.0340	0.0130	0.0200	0.0880	0.0480	0.0233	0.0403	0.0340
(8) COPPER	1.0									0.0650	0.0640	0.0005	0.0645	0.0645
(9) LEAD	0.0150	0.0140	0.0110		0.0130					**0.0230**	**0.0160**	0.0041	0.0154	0.0140
(10) MERCURY	0.0011						**0.0020**			**0.1300**		0.0640	0.0660	0.0660
(11) NICKEL	0.10					0.0520	0.0690				0.0880	0.0147	0.0697	0.0690
(12) SELENIUM	0.050													
(13) SILVER	0.0180													
(14) THALLIUM	NE													
(15) VANADIUM	NE				0.1000			0.0090	0.0080	0.0180	0.1000	0.0434	0.0470	0.0180
(16) ZINC	2.10	0.1300			0.1210			0.0150	0.0670	0.1800	0.0140	0.0613	0.0878	0.0940
	NC GW STND (µg/L)													
(17) ACETONE	700													
(18) ACRYLONITRILE	NE													
(19) BENZENE	1.0													
(20) BROMOCHLOROMETHANE	2.6000													
(21) BROMODICHLOROMETHANE	0.8000													
(22)) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(23) CARBON DISULFIDE	700								61.0000			0.0000	61.0000	61.0000
(24) CARBON TETRACHLORIDE	0.30									**6.0000**		0.0000	6.0000	6.0000
(25) CHLOROBENZENE	50													
(26) CHLOROETHANE (ETHYL CHLORIDE)	NE									1.0000		0.0000	1.0000	1.0000
(27) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(28) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(29) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(30) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(31) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(32) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(33) T-1,4-DICHLORO-2-BUTENE	NE													
(34) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700													
(35) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(36) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(37) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70													
(38) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(39) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(40) CIS-1,3-DICHLOROPROPENE	0.2000													
(41) T-1,3-DICHLOROPROPENE	0.2000													
(42) ETHYLBENZENE	29													
(43) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(44) METHYL BROMIDE (BROMOMETHANE)	NE													
(45) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(46) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(47) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(48) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(49) METHYL IODIDE (IODOMETHANE)	NE													
(50) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(51) STYRENE	100													
(52) 1,1,1,2-TETRACHLOROETHANE	NE													
(53) 1,1,2,2-TETRACHLOROETHANE	NE													
(54) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(55) TOLUENE	1000													
(56) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(57) 1,1,2 TRICHLOROETHANE	NE													
(58) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80													
(59) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(60) 1,2,3-TRICHLOROPROPANE	0.0060													
(61) VINYL ACETATE	NE													
(62) VINYL CHLORIDE	0.0150													
(63) XYLENES	530													

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	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0	0.1000						0.0720	0.0370	0.0340	0.0310	0.0270	0.0548	0.0370
(4) BERYLLIUM	NE				0.0020			0.0080	0.0010	0.0010	0.0020	0.0026	0.0028	0.0020
(5) CADMIUM	0.0050													
(6) CHROMIUM	0.050	0.0150	0.0370	0.0220	0.0230			0.0130	0.0120	0.0120	0.0110	0.0083	0.0181	0.0140
(7) COBALT	NE		0.0150	0.0140	0.0150			0.0120	0.0050	0.0080	0.0030	0.0046	0.0103	0.0120
(8) COPPER	1.0								0.0190	0.0110	0.0130	0.0034	0.0143	0.0130
(9) LEAD	0.0150							0.0120		0.0060	0.0080	0.0025	0.0087	0.0080
(10) NICKEL	0.10													
(11) SELENIUM	0.050													
(12) SILVER	0.0180													
(13) THALLIUM	NE													
(14) VANADIUM	NE				0.0580			0.0390	0.0200	0.0170	0.0160	0.0163	0.0300	0.0200
(15) ZINC	2.10	0.0600	0.0770	0.1890	0.0760			0.0500	0.0940	0.0580	0.0440	0.0436	0.0810	0.0680
	NC GW STND (µg/L)													
(16) ACETONE	700													
(17) ACRYLONITRILE	NE													
(18) BENZENE	1.0													
(19) BROMOCHLOROMETHANE	2.6000									2.0000		0.0000	2.0000	2.0000
(20) BROMODICHLOROMETHANE	0.6000													
(21) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(22) CARBON DISULFIDE	700								66.0000	3.0000		31.5000	34.5000	34.5000
(23) CARBON TETRACHLORIDE	0.30													
(24) CHLOROBENZENE	50													
(25) CHLOROETHANE (ETHYL CHLORIDE)	NE		11.0000	11.0000	9.0000	11.0000				3.0000		3.0984	9.0000	11.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	0.190													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	NE													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	16.0000	26.0000	29.0000	25.0000	25.0000	26.0000	16.0000	19.0000	17.0000	14.0000	5.1391	21.3000	22.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70									3.0000		0.0000	3.0000	3.0000
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(39) CIS-1,3-DICHLOROPROPENE	0.2000													
(40) T-1,3-DICHLOROPROPENE	0.2000													
(41) ETHYLBENZENE	29													
(42) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(43) METHYL BROMIDE (BROMOMETHANE)	NE													
(44) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(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													
(48) METHYL IODIDE (IODOMETHANE)	NE													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(50) STYRENE	100													
(51) 1,1,1,2-TETRACHLOROETHANE	NE													
(52) 1,1,2,2-TETRACHLOROETHANE	NE													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(54) TOLUENE	1000													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	NE													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80													
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(59) 1,2,3-TRICHLOROPROPANE	0.0060													
(60) VINYL ACETATE	NE													
(61) VINYL CHLORIDE	0.0150													
(62) XYLENES	530													

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	5/6/96 SAMPLE #6	11/11/96 SAMPLE #7	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	NE													
(2) ARSENIC	0.05													
(3) BARIUM	2.0							0.0660	0.1700	0.2000	0.1000	0.0535	0.1340	0.1350
(4) BERYLLIUM	NE													
(5) CADMIUM	0.0050							0.0010				0.0000	0.0010	0.0010
(6) CHROMIUM	0.050	0.0260	0.0270	0.0120	0.0140				0.0160	0.0330	0.0060	0.0090	0.0191	0.0160
(7) COBALT	NE		0.0190	0.0160	0.0140					0.0150	0.0050	0.0047	0.0138	0.0150
(8) COPPER	1.0								0.0220	0.0590		0.0185	0.0405	0.0405
(9) LEAD	0.0150									0.0130	0.0060	0.0035	0.0095	0.0095
(10) MERCURY	0.0011						0.0020					0.0000	0.0020	0.0020
(11) NICKEL	0.10													
(12) SELENIUM	0.050													
(13) SILVER	0.0180													
(14) THALLIUM	NE													
(15) VANADIUM	NE													
(16) ZINC	2.10	0.0700	0.0930	0.1050		0.1000		0.0060	0.0570	0.0550	0.0120	0.0236	0.0325	0.0335
	NC GW STND (µg/L)							0.0100	0.1300	0.0790	0.0520	0.0344	0.0799	0.0860
(17) ACETONE	700													
(19) ACRYLONITRILE	NE													
(19) BENZENE	1.0													
(20) BROMOCHLOROMETHANE	2.6000													
(21) BROMODICHLOROMETHANE	0.6000													
(22) BROMOFORM (TRIBROMOMRTHANE)	0.190													
(23) CARBON DISULFIDE	700													
(24) CARBON TETRACHLORIDE	0.30								19.0000		8.0000	5.5000	13.5000	13.5000
(25) CHLOROBENZENE	50													
(26) CHLOROETHANE (ETHYL CHLORIDE)	NE													
(27) CHLOROFORM (TRICHLOROMETHANE)	0.190									7.0000		0.0000	7.0000	7.0000
(28) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	NE													
(29) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	0.0250													
(30) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	0.0004													
(31) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	620													
(32) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(33) T-1,4-DICHLORO-2-BUTENE	NE													
(34) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	700	10.0000	8.0000	11.0000	11.0000	8.0000	12.0000	9.0000	11.0000	14.0000	12.0000	1.8000	10.6000	11.0000
(35) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.380													
(36) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	7													
(37) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	70									2.0000		0.0000	2.0000	2.0000
(38) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	70													
(39) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.560													
(40) CIS-1,3-DICHLOROPROPENE	0.2000													
(41) T-1,3-DICHLOROPROPENE	0.2000													
(42) ETHYLBENZENE	29													
(43) METHYL BUTYL KETONE (2-HEXANONE)	NE													
(44) METHYL BROMIDE (BROMOMETHANE)	NE													
(45) METHYL CHLORIDE (CHLOROMETHANE)	NE													
(46) METHYLENE BROMIDE (DIBROMOMETHANE)	NE													
(47) METHYLENE CHLORIDE (DICHLOROMETHANE)	5													
(48) MEK; 2-BUTANE (METHYL ETHYL KETONE)	170													
(49) METHYL IODIDE (IODOMETHANE)	NE													
(50) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	NE													
(51) STYRENE	100													
(52) 1,1,1,2-TETRACHLOROETHANE	NE													
(53) 1,1,2,2-TETRACHLOROETHANE	NE													
(54) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE	0.70													
(55) TOLUENE	1000													
(56) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(57) 1,1,2 TRICHLOROETHANE	NE													
(58) TRICHLOROETHYLENE (TRICHLOROETHENE)	2.80									1.0000		0.0000	1.0000	1.0000
(59) CFC-11 (TRICHLOROFLUOROMETHANE)	2100													
(60) 1,2,3-TRICHLOROPROPANE	0.0060													
(61) VINYL ACETATE	NE													
(62) VINYL CHLORIDE	0.0150													
(63) XYLENES	530													

ALEXANDER COUNTY: MONITORING SURFACE #SW3

CONSTITUENT	NC SWQ 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	6/24/97 SAMPLE #8	12/3/97 SAMPLE #9	6/4/98 SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	0.0140													
(2) ARSENIC	0.0500													
(3) BARIUM	1.0000	0.5400						0.0200	0.0410	0.0360	0.0410	0.2023	0.1356	0.0410
(4) BERYLLIUM	0.0000068													
(5) CADMIUM	0.0020													
(6) CHROMIUM	0.0500													
(7) COBALT	0.0650	0.1600			0.0110	0.1430					0.0030	0.0726	0.0793	0.0770
(8) COPPER	0.0070													
(9) LEAD	0.0250													
(10) NICKEL	0.0250													
(11) SELENIUM	0.0050													
(12) SILVER	0.00006													
(13) THALLIUM	0.0017													
(14) VANADIUM	0.0440													
(15) ZINC	0.0500	0.0600					0.0550		0.0280	0.0100	0.0100	0.0214	0.0326	0.0280
	NC SWQ STND (µg/L)													
(16) ACETONE	500													
(17) ACRYLONITRILE	0.0590													
(18) BENZENE	1.1900													
(19) BROMOCHLOROMETHANE	3350													
(20) BROMODICHLOROMETHANE	0.2700													
(21) BROMOFORM (TRIBROMOMRTHANE)	4.3000													
(22) CARBON DISULFIDE	6750													
(23) CARBON TETRACHLORIDE	0.2540													
(24) CHLOROBENZENE	488													
(25) CHLOROETHANE (ETHYL CHLORIDE)	860													
(26) CHLOROFORM (TRICHLOROMETHANE)	6													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	0.4100													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	500													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	900													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	600													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	200													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	42	9.0000										0.0000	9.0000	9.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.3800													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	3.2000													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	100													
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	100													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.5200													
(39) CIS-1,3-DICHLOROPROPENE	10													
(40) T-1,3-DICHLOROPROPENE	10													
(41) ETHYLBENZENE	700													
(42) METHYL BUTYL KETONE (2-HEXANONE)	21400													
(43) METHYL BROMIDE (BROMOMETHANE)	48													
(44) METHYL CHLORIDE (CHLOROMETHANE)	5500													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	DWQ													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	4.7000													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	250000													
(48) METHYL IODIDE (IODOMETHANE)	DWQ													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	23000													
(50) STYRENE	9100													
(51) 1,1,1,2-TETRACHLOROETHANE	0.1720													
(52) 1,1,2,2-TETRACHLOROETHANE	0.1720													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.8000													
(54) TOLUENE	11													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	0.6000													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	3.0800													
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	DWQ													
(59) 1,2,3-TRICHLOROPROPANE	2100													
(60) VINYL ACETATE	900													
(61) VINYL CHLORIDE	2													
(62) XYLENES	88.5000													

ALEXANDER COUNTY: MONITORING SURFACE #SW5		NOT SAMPLED	NOT SAMPLED	NOT SAMPLED	NOT SAMPLED		NOT SAMPLED	NOT SAMPLED						
		10/1/94	1/31/95	2/15/95	3/7/95	12/7/95	5/6/96	11/11/96	6/24/97	12/3/97	6/4/98			
CONSTITUENT	NC SWQ STND (mg/L)	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4	SAMPLE #5	SAMPLE #6	SAMPLE #7	SAMPLE #8	SAMPLE #9	SAMPLE #10	STANDARD DEVIATION	MEAN	MEDIAN
(1) ANTIMONY	0.0140													
(2) ARSENIC	0.0500													
(3) BARIUM	1.0000								0.0400	0.0430	0.0380	0.0021	0.0403	0.0400
(4) BERYLLIUM	0.0000068													
(5) CADMIUM	0.0020													
(6) CHROMIUM	0.0500													
(7) COBALT	0.0650								0.0270	0.0140	0.0050	0.0090	0.0153	0.0140
(8) COPPER	0.0070													
(9) LEAD	0.0250										0.0110	0.0000	0.0110	0.0110
(10) NICKEL	0.0250													
(11) SELENIUM	0.0050													
(12) SILVER	0.00006													
(13) THALLIUM	0.0017													
(14) VANADIUM	0.0440													
(15) ZINC	0.0500								0.0610	0.4300	0.0190	0.1846	0.0610	0.0610
	NC SWQ STND (µg/L)													
(16) ACETONE	500													
(17) ACRYLONITRILE	0.0590													
(18) BENZENE	1.1900													
(19) BROMOCHLOROMETHANE	3350													
(20) BROMODICHLOROMETHANE	0.2700													
(21) BROMOFORM (TRIBROMOMRTHANE)	4.3000													
(22) CARBON DISULFIDE	6750													
(23) CARBON TETRACHLORIDE	0.2540													
(24) CHLOROBENZENE	488													
(25) CHLOROETHANE (ETHYL CHLORIDE)	860									2.0000		0.0000	2.0000	2.0000
(26) CHLOROFORM (TRICHLOROMETHANE)	6													
(27) CHLORODIBROMOMETHANE (DIBROMOCHLOROMETHANE)	0.4100													
(28) DBCP (1,2-DIBROMO-3-CHLOROPROPANE)	500													
(29) ETHYLENE DIBROMIDE (1,2-DIBROMOETHANE)	900													
(30) O-DICHLOROBENZENE (1,2-DICHLOROBENZENE)	600													
(31) P-DICHLOROBENZENE (1,4-DICHLOROBENZENE)	75													
(32) T-1,4-DICHLORO-2-BUTENE	200													
(33) 1,1-DICHLOROETHANE (ETHYLIDENE CHLORIDE)	42									7.0000		0.0000	7.0000	7.0000
(34) ETHYLENE DICHLORIDE (1,2-DICHLOROETHANE)	0.3800													
(35) VINYLIDENE CHLORIDE (1,1-DICHLOROETHENE) (ETHYLENE)	3.2000													
(36) CIS-1,2-DICHLOROETHENE (CIS-1,2-DICHLOROETHYLENE)	100									2.0000		0.0000	2.0000	2.0000
(37) T-1,2-DICHLOROETHENE (TRANS-1,2-DICHLOROETHYLENE)	100													
(38) PROPYLENE DICHLORIDE (1,2-DICHLOROPROPANE)	0.5200													
(39) CIS-1,3-DICHLOROPROPENE	10													
(40) T-1,3-DICHLOROPROPENE	10													
(41) ETHYLBENZENE	700													
(42) METHYL BUTYL KETONE (2-HEXANONE)	21400													
(43) METHYL BROMIDE (BROMOMETHANE)	48													
(44) METHYL CHLORIDE (CHLOROMETHANE)	5500													
(45) METHYLENE BROMIDE (DIBROMOMETHANE)	DWQ													
(46) METHYLENE CHLORIDE (DICHLOROMETHANE)	4.7000													
(47) MEK; 2-BUTANE (METHYL ETHYL KETONE)	250000													
(48) METHYL IODIDE (IODOMETHANE)	DWQ													
(49) METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	23000													
(50) STYRENE	9100													
(51) 1,1,1,2-TETRACHLOROETHANE	0.1720													
(52) 1,1,2,2-TETRACHLOROETHANE	0.1720													
(53) TETRACHLOROETHYLENE (TETRACHLOROETHENE) (PERCHLOROETHYLENE)	0.8000													
(54) TOLUENE	11													
(55) 1,1,1-TRICHLOROETHANE (METHYLCHLOROFORM)	200													
(56) 1,1,2 TRICHLOROETHANE	0.6000													
(57) TRICHLOROETHYLENE (TRICHLOROETHENE)	3.0800									1.0000		0.0000	1.0000	1.0000
(58) CFC-11 (TRICHLOROFLUOROMETHANE)	DWQ													
(59) 1,2,3-TRICHLOROPROPANE	2100													
(60) VINYL ACETATE	900													
(61) VINYL CHLORIDE	2													
(62) XYLENES	88.5000													