N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST
Inorganic

State Laboratory of Public He
P. O. Box 28
306 N. Wilmington St
Raleigh, 27

Site Number 01-01 Field Sample Number 6755
Name of Site Alamance Co. LF Site Location SR 2158 Graham
Collected By L. Rose ID# 062 Date Collected 6/5/92 Time 11:30

Type of Sample:

Environmental	Concentrate
✓ Groundwater (1)	Solid (5)
Surface Water (2)	Liquid (6)
Soil (3)	Sludge (7)
Other (4)	Other (8)

Comments MW-4

Fee/Perm/Co ID #	Date	Doc ID#
BC	06 06 09	DIN

SOLID WASTE SECTION JUN 26 1992

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
Arsenic		✓ Arsenic	<0.01	✓ Silver	<0.05
Barium		✓ Barium	0.07	✓ Sulfates	12
Cadmium		✓ Cadmium	<0.005	✓ Zinc	<0.05
Chromium		✓ Chloride	15	✓ Ph	6.3
Lead		✓ Chromium	<0.01	✓ Conductivity	475 µmhos
Mercury		✓ Copper	<0.05	✓ TDS	328
Selenium		✓ Fluoride	<0.10	TOC	
Silver		✓ Iron	8.07	✓ COD	56
		✓ Lead	<0.005		
		✓ Manganese	0.24		
		✓ Mercury	<0.0002		
		✓ Nitrate	<1.00		
		✓ Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
P&T:GC/MS		EDB		Methoxychlor	
Acid:B/N Ext.		PCB's		Toxaphene	
TOX		Petroleum		2,4-D	
		Endrin		2,4,5-TP (silvex)	
		Lindane			

MICROBIOLOGY

Parameter
(MF) Coliform Colonies/100mls
(MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
Gross Alpha	
Gross Beta	

Date Received _____ Date Reported _____
Date Extracted _____ Date Analyzed _____
Reported By _____ Lab Number _____

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

010158 JUN 592

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST
INORGANIC

State Laboratory of Public Hea
P. O. Box 28C
306 N. Wilmington Str
Raleigh, 276

Site Number 01-01 Field Sample Number 6756

Name of Site ALAMANCE CO LF Site Location GRAHAM

Collected By L.ROSE ID# 062 Date Collected 6/5/92 Time 10:20

Type of Sample:

Environmental	Concentrate	Comments
✓ Groundwater (1)	___ Solid (5)	MW-9
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		✓ Arsenic	<0.01	✓ Silver	<0.05
___ Barium		✓ Barium	0.26	✓ Sulfates	<6
___ Cadmium		✓ Cadmium	<0.005	✓ Zinc	0.09
___ Chromium		✓ Chloride	<5	✓ Ph	6.3
___ Lead		✓ Chromium	0.03	✓ Conductivity	70 µmhos
___ Mercury		✓ Copper	<0.05	✓ TDS	60
___ Selenium		✓ Fluoride	0.11	___ TOC	
___ Silver		✓ Iron	27.94	✓ COD	16
		✓ Lead	0.005		
		✓ Manganese	0.65		
		✓ Mercury	<0.0002		
		✓ Nitrate	3.34		
		✓ Selenium	<0.005		

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ P&T:GC/MS		___ EDB		___ Methoxychlor	
___ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received ___ Date Reported ___

Date Extracted ___ Date Analyzed ___

Reported By ___ Lab Number ___

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

010159 JUN 592

___ Transporter ___ Treat

___ Storage Facility ___ Disposal Facility ✓ Landfi

___ Other:

inorganic

Company's Name Alamance Co LF Telephone (919) 227-0101

Address SR 2158 Graham

Collector's Name Larry Rose Telephone (919) 233-068
signature

Date Sampled 6/5/92 Time Sampled

Type of Process Generating Waste :

Field Information

Field Sample No. 6755 6756

Chain of Possession:

signature	title	inclusive
Larry Rose	Hydrogeological Tech	6/5/92
Joyce Davis	Chem Tech III	5 may 92

Results reported

signature	title	date
[illegible]	Chemist	24 June 92

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

SOLID WASTE SECTION JUN 2 1992

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

ORGANIC

State Laboratory of Public Heal
P. O. Box 280
306 N. Wilmington Str
Raleigh, 276

Site Number 01-01 Field Sample Number 5175

Name of Site Alamance Co LF Site Location SR 2158 Graham

Collected By L. Rose ID# 062 Date Collected 6/5/92 Time 11:30

SOLID WASTE SECTION JUN 24 1992

Type of Sample:

Environmental	Concentrate	Comments
✓ Groundwater (1)	___ Solid (5)	MW-4
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		___ EDB		___ Methoxychlor	
✓ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 6-5-92 BD Date Reported 6-22-92

Date Extracted 6-11-92 SA WG Date Analyzed BNA 6-16-92 BD PT 6-18-92 MW

Reported By John L. Neal Lab Number 921750

#921750-921751

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

N. C. Department of Human Resources
Division of Health Services

SAMPLE ANALYSES REQUEST

State Laboratory of Public Heal
P. O. Box 280
306 N. Wilmington Str
Raleigh, 276

Site Number 01-01 Field Sample Number 5176

Name of Site ALAMANCE Co LF Site Location GRAHAM

Collected By L. ROSE ID# 062 Date Collected 6/5/92 Time 10:20

Type of Sample:

Environmental	Concentrate	Comments
✓ Groundwater (1)	___ Solid (5)	MW-9
___ Surface Water (2)	___ Liquid (6)	
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

INORGANIC CHEMISTRY

Extractables		Total			
Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
___ Arsenic		___ Arsenic		___ Silver	
___ Barium		___ Barium		___ Sulfates	
___ Cadmium		___ Cadmium		___ Zinc	
___ Chromium		___ Chloride		___ Ph	
___ Lead		___ Chromium		___ Conductivity	
___ Mercury		___ Copper		___ TDS	
___ Selenium		___ Fluoride		___ TOC	
___ Silver		___ Iron			
		___ Lead			
		___ Manganese			
		___ Mercury			
		___ Nitrate			
		___ Selenium			

ORGANIC CHEMISTRY

Parameter	Results mg/1	Parameter	Results mg/1	Parameter	Results mg/1
✓ P&T:GC/MS		___ EDB		___ Methoxychlor	
✓ Acid:B/N Ext.		___ PCB's		___ Toxaphene	
___ TOX		___ Petroleum		___ 2,4-D	
		___ Endrin		___ 2,4,5-TP (silvex)	
		___ Lindane			

MICROBIOLOGY

Parameter
___ (MF) Coliform Colonies/100mls
___ (MPN) Coliform Colonies/100mls

RADIOCHEMISTRY

Parameter	Results PCi/1
___ Gross Alpha	
___ Gross Beta	

Date Received 6-5-92 BQ Date Reported

Date Extracted 6-11-92 SA WG Date Analyzed BWA 6-16-92 BQ PT 6-18-92 nw

Reported By Lab Number 921751

DHS 3191 (Revised 7/85)
Solid and Hazardous Waste (Review 7/87)

___ Transporter ___ Treat

___ Storage Facility ___ Disposal Facility ✓ Landfi

___ Other:

organic

Company's Name Alamance Co LF Telephone (919) 227-0101

Address SR 2158 · Graham

Collector's Name Larry Rose Telephone (919) 733-0692
signature

Date Sampled 6/5/92 Time Sampled

Type of Process Generating Waste

Field Information

Field Sample No. 5175 5176

Chain of Possession:

signature	title	inclusive
Larry Rose	Hydrogeological Tech	6/5/92
William DeMent	Chemist	6-5-92

Results reported

signature	title	date
John L. Neal	Chemist	6-22-92

#921750-921751

Instructions: Complete all applicable information including signatures, and submit with analysis request forms.

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

MW-4 MW-9

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	921750	921751				
	FIELD #	5175	5176				
COMPOUND	TYPE	(1)	(1)	( )	( )	( )	( )
	UNITS	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg
N-nitrosodimethylamine	10/330	U	U				
bis(2-chloroethyl)ether							
2-chlorophenol							
phenol							
1,3-dichlorobenzene							
1,4-dichlorobenzene		10K					
1,2-dichlorobenzene		10K					
bis(2-chloroisopropyl)ether		U					
hexachloroethane							
N-nitroso-di-n-propylamine							
nitrobenzene							
isophorone							
2-nitrophenol							
2,4-dimethylphenol							
bis(2-chloroethoxy)methane							
2,4-dichlorophenol							
1,2,4-trichlorobenzene							
naphthalene							
hexachlorobutadiene							
4-chloro-m-cresol							
hexachlorocyclopentadiene							
2,4,6-trichlorophenol							
2-chloronaphthalene							
acenaphthylene							
dimethyl phthalate							
2,6-dinitrotoluene							
acenaphthene							
2,4-dinitrophenol	50/1650						
2,4-dinitrotoluene	10/330						
4-nitrophenol	50/1650						
fluorene	10/330						
4-chlorophenylphenylether							
diethyl phthalate							
4,6-dinitro-o-cresol	50/1650						
diphenylamine							
azobenzene							
4-bromophenylphenylether	10/330						
hexachlorobenzene	10/330						
pentachlorophenol	50/1650						
phenanthrene	10/330						
anthracene							
dibutyl phthalate		10K	10K				
fluoranthene		U	U				

MDL
H_2O/501L

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit. MDL
NA - Not analyzed.
1/ - Tentative identification.
2/ - On NRDC List of Priority Pollutants.

N.C. Division of Health Services
DHS 3068-0 (4/86 Laboratory)

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

MW-4 MW-9

ORGANIC CHEMICAL ANALYSIS

BASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	921750	921751				
	FIELD #	5175	5176				
COMPOUND	TYPE	(L)	(L)	( )	( )	( )	( )
	UNITS	µg/l ~~µg/kg~~	µg/l ~~µg/kg~~	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg
pyrene	10/330	U	U				
benzidine	50/1650						
butyl benzyl phthalate	10/330						
benz(a)anthracene							
chrysene							
3,3-dichlorobenzidine	50/1650						
bis(2-ethylhexyl)phthalate	10/330	10K	10K				
di-n-octyl phthalate	10/330	U	U				
benzo(b)fluoranthene	50/1650						
benzo(k)fluoranthene							
benzo(a)pyrene							
indeno(1,2,3-cd)pyrene							
dibenzo(a,h)anthracene							
benzo(g,h,i)perylene							
aniline	50/1650	U	U				
benzoic acid							
benzyl alcohol							
4-chloroaniline							
dibenzofuran	10/330						
2-methylnaphthalene							
2-methylphenol							
4-methylphenol							
2-nitroaniline	50/1650						
3-nitroaniline							
4-nitroaniline							
2,4,5-trichlorophenol							
CAPROLACTAM		380	64				
HYDROCARBONS	+/-	(+)	(+)				

MDL
H_2O/501L

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N.C. Division of Health Services
DHS 3068-0 (4/86 Laboratory)

STATE LABORATORY OF PUBLIC HEALTH
DIVISION OF HEALTH SERVICES, N.C. DEPARTMENT OF HUMAN RESOURCES
P.O. BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, N.C. 27611

MW-4 MW-9

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	921750	921751				
	FIELD #	5175	5176				
COMPOUND	TYPE	(I)	(I)	( )	( )	( )	( )
	UNITS	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg	µg/l µg/kg
chloromethane	10 ppb	u	u				
bromomethane							
dichlorodifluoromethane							
vinyl chloride		5J					
chloroethane		23					
methylene chloride	5 ppb	199					
trichlorofluoromethane (2100)		2J					
ethene, 1,1-dichloro		trace					
ethane, 1,1-dichloro- (700)		36					
1,2-trans-dichloroethene		182					
chloroform		trace					
ethane, 1,2-dichloro-		u					
ethane, 1,1,1-trichloro- 200		2J					
carbontetrachloride		u					
bromodichloromethane	10 ppb						
propane, 1,2-dichloro-	5 ppb	trace 1/					
1,3-trans-dichloropropene	10 ppb	u					
trichloroethylene 2.8	5 ppb	40					
chlorodibromomethane	10 ppb	u					
benzene	5 ppb	6					
ethane, 1,1,2-trichloro-		u					
1,3-cis-dichloropropene	10 ppb						
2-chloroethyl vinyl ether							
bromoform							
ethane, 1,1,2,2-tetrachloro-	5 ppb						
ethene, tetrachloro- 0.7		146					
toluene		u					
chlorobenzene							
ethylbenzene							
acetone	10 ppb	u	u				
2-butanone							
carbondisulfide	5 ppb						
2-hexanone	10 ppb						
4-methyl-2-pentanone							
styrene							
vinyl acetate							
xylenes (total)							
Ethyl ether	5 ppb	6	u				
	↑MDL↑						

J - Estimated value.
K - Actual value is known to be less than value given.
L - Actual value is known to be greater than value given.
U - Material was analyzed for but not detected. The number is the Minimum Detection Limit.
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N.C. Division of Health Services

DHS 3068-O (4/86 Laboratory)