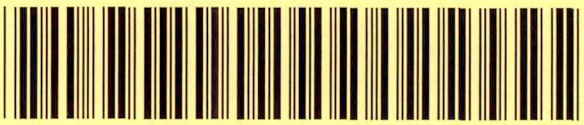
674IHSSF2217



DocumentID NONCD0002840

Site Name WEST CLAYTON MOBILE VILLAGE

DocumentType Other (O)

RptSegment 1

DocDate 6/5/2008

DocRcvd 6/5/2008

Box SF2217

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

Program IHS (IHS)

DocCat FACILITY

SITE HEALTH AND SAFETY PLAN

A. General Information

Site Name West Clayton Mobile Village ID #
Location Old US 70W, Clayton, NC

Proposed Date of Investigation 6/9/08 to 6/20/08
Date of Briefing 6/5/08
Date of Debriefing 6/23/08

Nature of Visit (check one):

On-Site Reconnaissance	
Off-Site Reconnaissance	
Sampling	X
Sampling Overview	
Remediation Overview	

Health Department Official Contacted Larry Sullivan
Date of Contact 6/5/08

Site Investigation Team: All site personnel have read the Site Health and Safety Plan and are familiar with its provisions.

Personnel	Responsibilities	Signature
Team 1 Sean Boyles	team leader, sampling	
Team 1 Ryan Locklear	observation	

Plan Preparation:
Prepared By: David Lilley, Industrial Hygiene Consultant

Reviewed By: Jack Butler, Superfund Section Chief Jack Butler

B. SITE/WASTE CHARACTERISTICS

Waste Type(s) X Liquid ____ Solid ____ Sludge ____ Gas X Vapor

Characteristics ____Corrosive __X__Ignitable ____Radioactive
__X__Volatile __X__Toxic ____Reactive ____Other

List Known or Suspected Hazards (physical, chemical biological or radioactive) on Site and their toxicological effects. Also, if known, list chemical amounts

HAZARD	WARNING PROPERTIES	EXPOSURE LIMIT
1,1-dichloroethylene	Odor Threshold (OT) = 190 ppm	1 ppm
1,1-dichloroethane	OT = 120 ppm	100 ppm
1,2-dichloropropane	OT = 0.25 ppm	10 ppm

UNDERGROUND UTILITIES CHECKLIST

Utility	Locator/Contact Person	Phone #	Date of Location
Power			
Telephone			
Gas			
Water			
Sewer			

Call made by:

ID #

Facility Description: Size unknown Buildings yes
Disposal Methods Being Investigated unknown

Unusual Features on Site (dike integrity, power lines, terrain, etc.):
None known

History of the Site: The site is a groundwater plume.

C. HAZARD EVALUATION

The site can be toured and sampled in level D protection. PVC gloves will be worn while collecting water samples.

D. WORK PLAN INSTRUCTION

Map or Sketch Attached? yes
Perimeter Identified? no
Command Post Identified? no
Zones of Contamination Identified? no
Personal Protective Equipment/Level of Protection: _____C _____D

Modifications Wear goggles, face shield, and PVC gloves while preparing acid preserved samples, goggles and PVC gloves while collecting acid preserved samples. Avoid breathing acid vapors.

ID #

Surveillance Equipment:

_____ HNU
_____ OVA
_____ Explosimeter
_____ Detector Tubes and Pumps
_____ 02 Meter
_____ Radiation Monitor

Decontamination Procedures

_____Level C Respirator wash, respirator removal, suit wash (if needed), suit removal, boot wash, boot removal and glove removal.

__X__ Level D Boot wash and rinse and boot removal, suit removal, glove and goggle removal.

Modifications Dispose of trash properly, on-site if possible.

Work Schedule/Visit Objectives The purpose of this visit is to determine if the site poses a threat to the public health or environment because of releases of contaminants to soil, surface water, groundwater, or air. Sampling may consist of groundwater sampling.

EMERGENCY PRECAUTIONS

Route of Exposure	First Aid
Eyes	irrigate immediately
Skin	soap and water wash
Inhalation	fresh air and artificial respiration
Ingestion	get medical attention immediately

ID #

Location of Nearest Phone: nearby residences

Hospital (Address and Phone Number)

Johnston Memorial Hospital, 509 N. Brightleaf Blvd., Smithfield, NC (919) 934 8171

Emergency Transportation Systems (Phone Numbers)

Fire 911

Ambulance 911

Rescue Squad 911

Emergency Route to Hospital see next page

PREVAILING WEATHER CONDITIONS AND FORECAST

EQUIPMENT CHECKLIST

_____ Air purifying respirator

__X__ First Aid Kit

KEY RISK MANAGEMENT SERVICES, INC.
ATTN: STATE UNIT
P.O. BOX 49129
GREENSBORO, NC 27419

CompCare NETWORK, INC.

WORKERS' COMPENSATION MEDICAL AUTHORIZATION

Name of Employee/Patient: Last	First
Date of Injury:	Social Security Number: - -
Name of Employer/Company:	STATE OF NORTH CAROLINA
Employer Authorization:	Doctor To Be Seen:

Employer: Complete this form, and give it to the injured employee before a doctor is seen.

Employee: Show this form to the doctor.

Physician: When a referral is necessary - use CompCare Physicians and call 1-800-366-1511, to let the state agency claims representative know that the patient is being referred.

SEND BILL DIRECTLY TO KEY RISK MANAGEMENT SERVICES, INC.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: 1,1 - dichloroethane

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula $C_2 H_4 Cl_2$	1
Natural Physical State at 25°C liquid	1
Vapor Pressure _____ mm Hg at 20°C	
Melting Point -98 °F/°C Boiling Point 57.3 °F/°C	1
Flash Point (open or closed cup) 57 °C/°F	2
Solubility - H_2O in about 200 parts water	1
Other miscible with alcohol	1

Physical Features: (odor, color, etc.) oily liquid, odor and taste as of chloroform (1) OVA Relative Response = 80%

II. TOXICOLOGICAL DATA

Standards: 100 ppm (3) TLV 100 ppm (4) PEL 4,000 ppm IDLH 2

Routes of Exposure: Inhalation, Eye Contact, Skin Contact, Ingestion

Acute/Chronic Symptoms: Salivation, sneezing, coughing, dizziness, nausea, vomiting, eye irritation, skin irritation, circulatory failure (2).

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately

Chemical Name: 1,1 - dichloroethane

III. HAZARDOUS CHARACTERISTICS

		Reference
A. Combustibility	Yes X No ____	2
Toxic by-products	emits highly toxic fumes including phosgene	2
B. Flammability	LEL 5.6% UEL 11.4%	2
C. Reactivity Hazard		
D. Corrosivity Hazard	yes/no pH:	
Neutralizing agent:		
E. Radioactive Hazard	Exposure Rate	
Background	yes/no	
Alpha particles	yes/no	
Beta particles	yes/no	
Gamma radiation	yes/no	

IV. REFERENCES

(1) The Merck Index, 11th Edition, 1989.
(2) Chemical Hazard Response Information System, US Department of Transportation, 1987.
(3) Threshold Limit Values and Biological Exposure Indices, ACGIH, 2007
(4) 29 CFR 1910.1000.

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: 1,1-dichloroethylene

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula $C_2 H_2 Cl_2$	1
Natural Physical State at 25°C liquid	1
Vapor Pressure _____ mm Hg at 20°C	_____
Melting Point -122.5 °F/°C Boiling Point 31.7 °F/°C	1
Flash Point (open or closed cup) -15 °C/°F	1
Solubility - H_2O practically insoluble	1
Other soluble in organic solvents	1

Physical Features: (odor, color, etc.) mild, sweet odor resembling that of clhoroform. (1)

II. TOXICOLOGICAL DATA

Standards: 5 ppm (2) TLV 1 ppm (3) PEL no data IDLH

Routes of Exposure: Inhalation, Ingestion, Skin and/or eye contact

Acute/Chronic Symptoms: Irritant to skin, mucous membranes, narcotic in high concentrations, has caused liver, kidney injury in experimental animals (1)

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately

Chemical Name: 1,1-dichloroethylene

III. HAZARDOUS CHARACTERISTICS

		Reference
A.	Combustibility Yes X No ____	1
	Toxic by-products _____	_____
B.	Flammability LEL _____ UEL _____	_____
C.	Reactivity Hazard _____	_____
D.	Corrosivity Hazard yes/no pH: _____	_____
	Neutralizing agent: _____	_____
E.	Radioactive Hazard	

			Exposure Rate
Background	yes/no	_____	_____
Alpha particles	yes/no	_____	_____
Beta particles	yes/no	_____	_____
Gamma radiation	yes/no	_____	_____

IV. REFERENCE

1. The Merck Index, 11th Edition, 1989
2. Threshold Limit Values and Biological Exposure Indicies, ACGIH, 2007
3. 29 CFR 1910.1000

HAZARDOUS SUBSTANCE INFORMATION FORM

Chemical Name: 1,2-Dichloropropane

I. PHYSICAL/CHEMICAL PROPERTIES

	Reference
Chemical Formula C3 H6 Cl2	1
Natural Physical State at 25°C liquid	2
Vapor Pressure 40 mm Hg at 20°C	3
Melting Point -149 °F/°C Boiling Point 206 °F/°C	3
Flash Point (open or closed cup) 60 °C/°F	3
Solubility - H_2O 0.3 %	3
Other miscible with organic solvents	1

Physical Features: (odor, color, etc.) colorless, stable liquid with an odor like chloroform (2) IP = 10.87 eV

II. TOXICOLOGICAL DATA

Standards: 10 ppm (4) TLV 75ppm (5) PEL 2,000ppm (3) IDLH

Routes of Exposure: Inhalation, Eye/Skin contact, Ingestion

Acute/Chronic Symptoms: Eye and skin irritation, drowsiness, light-headedness carcinogenic in animals, liver and kidney disease (3)

First Aid: Inhalation: artificial respiration; Ingestion: get medical attention immediately; Eye contact: irrigate immediately; Skin contact: soap and water wash immediately

Chemical Name: 1,2-Dichloropropane

III. HAZARDOUS CHARACTERISTICS — Reference

A. Combustibility Yes X No ____ — 3
Toxic by-products toxic and irritating gases may be generated — 6

B. Flammability LEL 3.4% UEL 14.5% — 3

C. Reactivity Hazard no reaction with common materials — 6
incompatible with strong oxidizers and acids — 3

D. Corrosivity Hazard yes/no pH: _____

Neutralizing agent: _____

E. Radioactive Hazard — Exposure Rate

Background	yes/no	_____	_____
Alpha particles	yes/no	_____	_____
Beta particles	yes/no	_____	_____
Gamma radiation	yes/no	_____	_____

IV. REFERENCES

1. The Merck Index, 11th Edition, Sax, 1989.
2. The Condensed Chemical Dictionary, Sax, 11th Edition, 1987.
3. Pocket Guide to Chemical Hazards, NIOSH, 1990.
4. Threshold Limit Values and Biological Exposure Indices for 2007, ACGIH.
5. 29 CFR 1910.1000.
6. Chemical Hazard Response Information System, US Department of Transportation, 1987.

Subject: W. Clayton safety plan
From: David Lilley <David.Lilley@ncmail.net>
Date: Thu, 05 Jun 2008 12:37:58 -0400
To: sean.boyles@ncmail.net

Sean,

Please print and attach a map to the hospital.

Dave

West Clayton Mobile Village.doc	**Content-Type:** application/msword **Content-Encoding:** base64

KeyRiskForm.doc	**Content-Type:** application/msword **Content-Encoding:** base64

1,1 - dichloroethane.doc	**Content-Type:** application/msword **Content-Encoding:** base64

1,1-dichloroethylene.doc	**Content-Type:** application/msword **Content-Encoding:** base64

1,2-Dichlropropane.doc	**Content-Type:** application/msword **Content-Encoding:** base64

TRIP NOTIFICATION AND AUTHORIZATION FORM

Program:

- ☐ CERCLA Site Assessment
- ☑ State
- ☐ NPL/DOD
- ☐ Brownfields
- ☐ MGP
- ☐ Dry Cleaners

Site Name:	West Clayton Mobile Village
ID Number:	
Street Address:	Old US 70W Clayton, NC- Johnston County (lat. 35 40' 19", long. 78 29' 51")
City:	Clayton
County:	Johnston

Date(s) of Trip	Trip Canceled:	Trip Rescheduled (Date):
6/9 – 6/20		

Reason For Trip: _____

(if sampling, check appropriate boxes below)

- ☐ Surface Soil
- ☐ Subsurface Soil
- ☐ Using Augers/Shovels to collect soil
- ☐ Using Little Beaver to collect soil
- ☐ Groundwater (from tap)
- ☐ Groundwater (bailers)
- ☑ Groundwater (pumps)
- ☐ Surface Water
- ☐ Sediment

Project Team Leader	Assistant	Assistant	Assistant
Sean Boyles	Ryan Locklear		

Authorized By: _____

Industrial Hygienist Signature

Office Use Only

County Health Department Official Contact: _____

Title: _____

Phone Number: (___)_____ -_____

Health Department Official Contacted: Back Up Letter Required?: Yes _ No _

Notes: _____

35.671945
-78.497500

MAPQUEST.

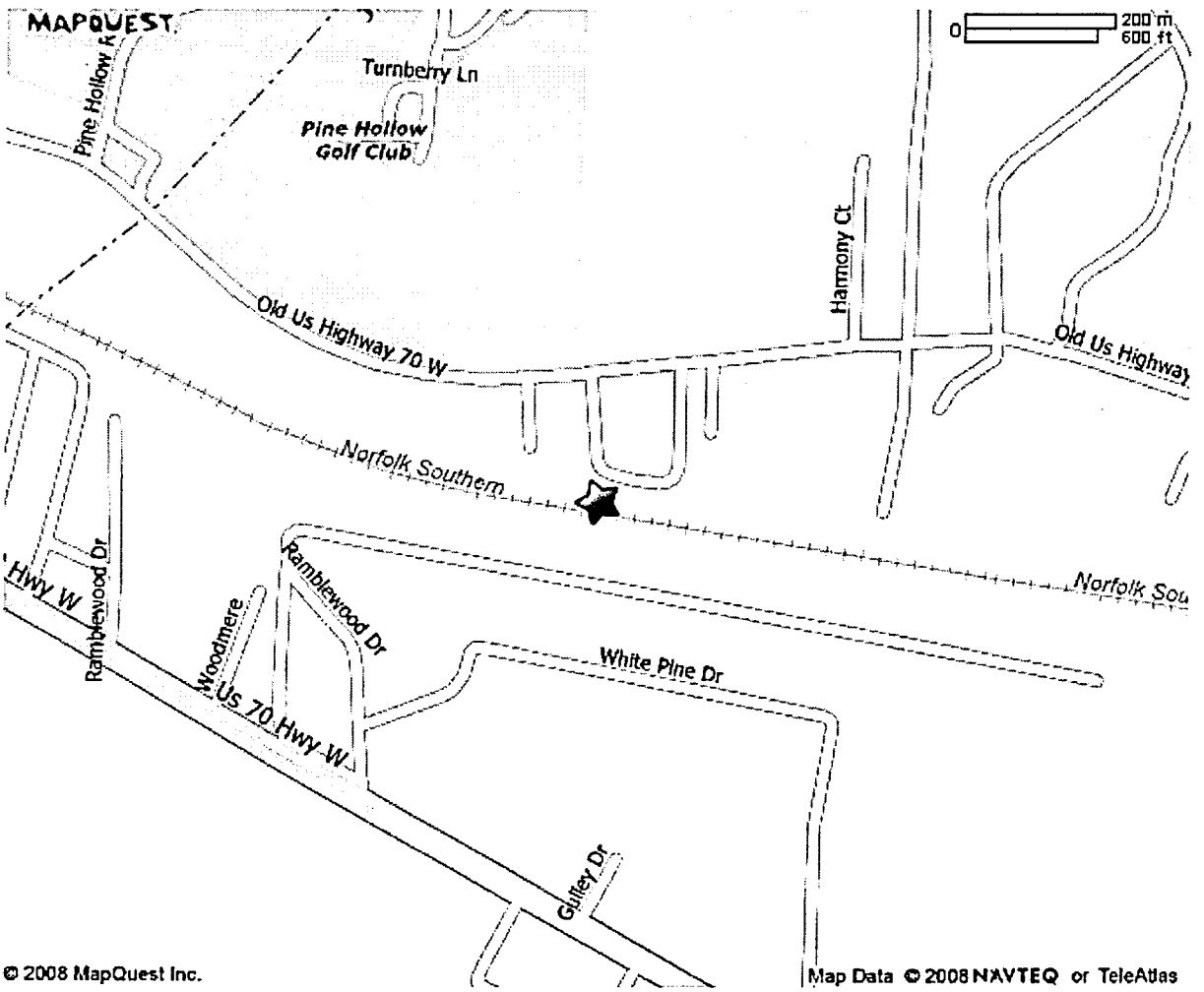
Latitude: 35° 40 Min. 19 Sec.
Longitude: -78° 29 Min. 51 Sec.

Notes:

Only text visible within note field will print.

Do you know your Credit Score?	
Excellent	750 - 840
Good	660 - 749
Fair	620 - 659
Poor	340 - 619
I Don't Know	????

Find out INSTANTLY!



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____	Cartridges for respirator	__X__	3 gal. Deionized H20
__X__	Eye Wash Unit	__X__	Rain suit
____	HNU	__X__	Gloves (PE/PVC/nitrile/cloth)
____	OVA	__X__	Boots/Boot Covers
____	Explosimeter	__X__	Coveralls (tyvek/saranex)
____	Radiation Monitor	__X__	Eye Protection (goggles/shield)
__X__	Decontamination Materials	__X__	Hard Hat

STATE POISON CONTROL CENTER
1-800-848-6946

North Carolina OSHA
1-800-LABOR-NC

TO BE COMPLETED BY PROJECT MANAGER

PROJECT MANAGER: Sean Boyles PROJECT: W. Clayton Mobile Village

INVESTIGATION DATE: 6/9/08 to 6/20/08

RECONNAISSANCE ____ SAMPLING VISIT __X__ REMEDIATION/SAMPLING OVERVIEW

Respirator Worn By N/A Approximate Time in Respirator

Air Monitoring Data

PID: (circle one) Mini Rae, HNU
Serial Number _____
Calibration Reading
Notes

_____
_____
_____

OVA
Serial Number _____
Notes

_____
_____
_____

CGI/Oxygen Meter
Serial Number _____

Calibration Reading
Notes

Radiation Meter
Serial Number
Notes

Were there any injuries? No If yes, explain:

Signature

Report to: **DIVISION OF WASTE MANAGEMENT – SUPERFUND SECTION** Page of

INACTIVE SITES BRANCH

CHAIN OF CUSTODY RECORD

NC DENR/DWQ LABORATORY (check one): [X] CENTRAL [ ] ARO [ ] WaRO

For Investigation of: West Clayton Mobile Village Incident No.

Sample collector (print name) and UST-54 forms completed by P. Sean Boyles Sample collector's signature: PSB

Field storage conditions and location (when applicable):

Lab Use Only LAB NO.	SAMPLE ID	QUAD. NO.	LOCATION	DATE SAMPLED	TIME SAMPLED	NUMBER OF CONTAINERS
AB31796	DI		800624200812OO	6/24/2008	12:00	4
AB 31797	E01		800624200811132	6/24/2008	11:32	4
AB 31798	E02		800624200811120	6/24/2008	11:20	4

	Date	Time		Date	Time
Relinquished by (signature): PSB	6/24/08	13:12	Received by (signature):	6/24/08	1312
Relinquished by (signature):	6/24/08	13:	Received by (signature):	6/24/08	1315
Relinquished by (signature):	Date	Time	Received by (signature):	Date	Time

Method of Shipment (check one): State Courier[ ] Hand-delivered[X] Federal Express[ ] UPS[ ] Other:

Security Type and Conditions:	Sealed by:	Broken by:

INTRALABORATORY CHAIN OF CUSTODY - Lab Use Only

LAB NUMBERS FROM	LAB NUMBERS THROUGH	NUMBER BOTTLES	ANALYSES REQUESTED	RELINQUISHED BY:	RECEIVED BY:	DATE	TIME
AB31796	AB 31798	12	VOA			6.24.08	1345

NC DWQ Laboratory Section Results

County: JOHNSTON
River Basin
Report To FROAP
Collector: S BOYLES
Region: FRO
Sample Matrix: GROUNDWATER
Loc. Type: TRIP BLANK
Emergency Yes/No
COC Yes/No YES

VisitID
Loc. Descr.: DISTILLED WATER

Sample ID: AB31796
PO Number # 8G0738
Date Received: 06/24/2008
Time Received: 13:12
Labworks LoginID MMATHIS
Date Reported: 6/30/08
Report Generated: 06/30/2008

qc 7/1/08

Location ID:	Collect Date:	Collect Time::	Sample Depth
80062420081200	06/24/2008	12:00	

Sample Qualifiers and Comments

RECEIVED
JUL 07 2008
DENR – FAYETTEVILLE REGIONAL OFFICE

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: 80062420081200
Loc. Descr.: DISTILLED WATER
Visit ID

Sample ID: AB31796
Collect Date: 06/24/2008
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		5.0		°C	HPARKER 6/24/08	MMATHIS 6/25/08
	Method Reference						
VOL							
	Volatile Organics In liquid		_TITLE_		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-78-1	Dichlorodifluoromethane	1.0	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
74-87-3	Chloromethane	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
74-83-9	Bromomethane	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-00-3	Chloroethane	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-09-2	Methylene Chloride	10	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
156-59-4	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
67-66-3	Chloroform	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
590-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

Location ID: 80062420081200
Loc. Descr.: DISTILLED WATER
Visit ID

Sample ID: AB31796
Collect Date: 06/24/2008
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
71-43-2	Benzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
74-95-3	Dibromomethane	1.0	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
79-01-6	Trichloroethene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
108-88-3	Toluene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

Location ID: 80062420081200
Loc. Descr.: DISTILLED WATER
Visit ID

Sample ID: AB31796
Collect Date: 06/24/2008
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
100-42-5	Styrene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
95-47-6	o-Xylene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
108-86-1	Bromobenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
543-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	VANDREWS 6/24/08	RKELLING 6/30/08
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

Location ID: 80062420081200
Loc. Descr.: DISTILLED WATER
Visit ID

Sample ID: AB31796
Collect Date: 06/24/2008
Collect Time:: 12:00

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
91-20-3	Naphthalene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08
	VOC'S BY GC/MS		Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	6/30/08

GROUNDWATER FIELD/LAB FORM

COC

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT-SUPERFUND SECTION-INACTIVE SITES BRANCH

Location code 8006242008 1200

County Johnston

Quad No _____ Serial No. _____

Lat. 35 40' 19" Long. -78 29' 51"

SAMPLE TYPE	SAMPLE PRIORITY
☒ Water	☒ Routine
☐ Soil	☐ Emergency
☐ Other _____	
☒ Chain of Custody	

DI

Lab Number 860738 AB31796

Date Received 6-24-08 Time: 1312

Rec'd By: HP From: Bus, Courier, Hand Del.,

Other: _____

Data Entry By: _____ Ck: _____

Date Reported: _____

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: _____

Shipped by: Bus, Courier, Hand Del., Other: _____ Purpose:

Collector(s): Sean Boyles Date 6/24/2008 Time 12:00 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: _____ (circle one)

FIELD ANALYSES

pH 400 _____ Spec. Cond.94 _____ at 25°C

Temp.10 _____ °C Odor _____

Appearance _____

Field Analysis By: _____

Owner Distilled water

Location or Site _____

Description of sampling point _____

Sampling Method _____ (Pump, bailer, etc.) Sample Interval _____

Remarks _____ (Pumping time, air temp., etc.)

LABORATORY ANALYSES

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC 680	mg/L
	Turbidity 76	NTU
	Residue, Total Suspended 530	mg/L
	pH 403	units
	Alkalinity to pH 4.5 410	mg/L
	Alkalinity to pH 8.3 415	mg/L
	Carbonate 445	mg/L
	Bicarbonate 440	mg/L
	Carbon dioxide 405	mg/L
	Chloride 940	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	CU
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L
	Phenols 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH_3 as N 610	mg/L
	TKN as N 625	mg/L
	$NO_2 + NO_3$ as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO_3 as N) 620	mg/L
	Nitrite (NO_2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadmium 46559	ug/L
	Cr-Chromium 46559	ug/L
	Cu-Copper 46562	ug/L
	Fe-Iron 46563	ug/L
	Hg-Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg-Magnesium 46554	mg/L
	Mn-Manganese 46565	ug/L
	Na-Sodium 46556	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	PCBs
	Semivolatile Organics
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
Temperature on arrival (°C): 5.0

Lab Comments _____

GW-54 REV. 7/03 For Dissolved Analysis-submit filtered sample and write "DIS" in block.

NC DWQ Laboratory Section Results

County: CUMBERLAND
River Basin
Report To FROAP

Collector: S BOYLES
Region: FRO
Sample Matrix: GROUNDWATER
Loc. Type: TRIP BLANK
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: DISTILLED WATER - NESTLE WATER TRIP BLANK

Sample ID:	AB32123
PO Number #	8G0824
Date Received:	07/02/2008
Time Received:	08:10
Labworks LoginID	MMATHIS
Date Reported:	7/3/08
Report Generated:	07/03/2008

QC 7/7/08

Location ID:	Collect Date:	Collect Time::	Sample Depth
80062720080830	06/27/2008	08:30	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID; 80062720080830
Loc. Descr.: DISTILLED WATER - NESTLE WATER TRIP BLANK
Visit ID

Sample ID AB32123
Collect Date: 06/27/2008
Collect Time:: 08:30

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		2.7		°C	HPARKER	MMATHIS
	Method Reference					7/2/08	7/2/08
VOL							
	Volatile Organics In liquid		_TITLE_		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-78-1	Dichlorodifluoromethane	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
74-87-3	Chloromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
74-83-9	Bromomethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-00-3	Chloroethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-09-2	Methylene Chloride	10	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
156-59-4	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
67-66-3	Chloroform	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
590-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08

NC DWQ Laboratory Section Results

Location ID: 80062720080830
Loc. Descr.: DISTILLED WATER - NESTLE WATER TRIP BLANK
Visit ID

Sample ID: AB32123
Collect Date: 06/27/2008
Collect Time:: 08:30

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
71-43-2	Benzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
74-95-3	Dibromomethane	1.0	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
78-87-5	1,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
79-01-6	Trichloroethene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
108-88-3	Toluene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

Location ID: 80062720080830
Loc. Descr.: DISTILLED WATER - NESTLE WATER TRIP BLANK
Visit ID

Sample ID: AB32123
Collect Date: 06/27/2008
Collect Time:: 08:30

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
100-42-5	Styrene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
95-47-6	o-Xylene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
108-86-1	Bromobenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
543-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	VANDREWS 7/2/08	RKELLING 7/2/08
	Method Reference EPA5030/624/8260						

NC DWQ Laboratory Section Results

Location ID: 80062720080830
Loc. Descr.: DISTILLED WATER - NESTLE WATER TRIP BLANK
Visit ID

Sample ID: AB32123
Collect Date: 06/27/2008
Collect Time:: 08:30

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
91-20-3	Naphthalene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08
	VOC'S BY GC/MS		Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					7/2/08	7/2/08

GROUNDWATER FIELD/LAB FORM

COC

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT-SUPERFUND SECTION-INACTIVE SITES BRANCH

Location code 8006272008083O

County Cumberland

Quad No_____ Serial No._____

Lat._____ Long._____

SAMPLE TYPE	SAMPLE PRIORITY
☒ Water	☒ Routine
☐ Soil	☐ Emergency
☐ Other_____	
☒ Chain of Custody	

DI

Lab Number 8G0824 AB32123

Date Received 7-2-08 Time: 0810

Rec'd By: From:Bus, (Courier), Hand Del.,

Other: Hp

Data Entry By:_____ Ck:_____

Date Reported:_____

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: Sean Bagles

Shipped by: Bus, (Courier), Hand Del., Other:_____

Collector(s): Sean Bagles Date 6/27/08 Time 8:30

Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other:_____

FIELD ANALYSES

pH 400_____ Spec. Cond.94_____ at 25°C

Temp.10_____ °C Odor_____

Appearance_____

Field Analysis By:_____

Owner (circle one) Distilled water - Nestle water trip blank

Location or Site_____

Description of sampling point_____

Sampling Method direct f/ bottle (Pump, bailer, etc.) Sample Interval_____

Remarks_____ (Pumping time, air temp., etc.)

LABORATORY ANALYSES

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC 680	mg/L
	Turbidity 76	NTU
	Residue, Total Suspended 530	mg/L
	pH 403	units
	Alkalinity to pH 4.5 410	mg/L
	Alkalinity to pH 8.3 415	mg/L
	Carbonate 445	mg/L
	Bicarbonate 440	mg/L
	Carbon dioxide 405	mg/L
	Chloride 940	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	CU
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L
	Phenols 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH_3 as N 610	mg/L
	TKN as N 625	mg/L
	$NO_2 + NO_3$ as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO_3 as N) 620	mg/L
	Nitrite (NO_2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadmium 46559	ug/L
	Cr-Chromium 46559	ug/L
	Cu-Copper 46562	ug/L
	Fe-Iron 46563	ug/L
	Hg-Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg-Magnesium 46554	mg/L
	Mn-Manganese 46565	ug/L
	Na-Sodium 46556	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	PCBs
	Semivolatile Organics
	TPH-Diesel Range
X	Volatile Organics (VOA bottle) √
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
Temperature on arrival (°C): 2.7

Lab Comments_____

GW-54 REV. 7/03 For Dissolved Analysis-submit filtered sample and write "DIS" in block.

NC DWQ Laboratory Section Results

County: JOHNSTON
River Basin
Report To FROAP
Collector: S BOYLES
Region: FRO
Sample Matrix: GROUNDWATER
Loc. Type: WATER SUPPLY
Emergency Yes/No
COC Yes/No YES

VisitID

Loc. Descr.: WEST CLAYTON MOBILE HOME PARK

Sample ID: AB31797
PO Number # 8G0739
Date Received: 06/24/2008
Time Received: 13:12
Labworks LoginID MMATHIS
Date Reported: 7/8/08

Report Generated: 07/08/2008

QC 7/8/08

Location ID:	Collect Date:	Collect Time::	Sample Depth
80062420081132	06/24/2008	11:32	

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: 80062420081132
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31797
Collect Date: 06/24/2008
Collect Time:: 11:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		5.0		°C	HPARKER	MMATHIS
	Method Reference					6/24/08	6/25/08
VOL							
	Volatile Organics in liquid		_TITLE_		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-78-1	Dichlorodifluoromethane	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-87-3	Chloromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-83-9	Bromomethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-00-3	Chloroethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-35-4	1,1-Dichloroethene	0.25	0.53		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-09-2	Methylene Chloride	10	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-34-3	1,1-Dichloroethane	0.25	0.42		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
156-59-4	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
67-66-3	Chloroform	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
590-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081132
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31797
Collect Date: 06/24/2008
Collect Time:: 11:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
71-43-2	Benzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-95-3	Dibromomethane	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
78-87-5	1,2-Dichloropropane	0.25	0.42		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-01-6	Trichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-88-3	Toluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081132
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31797
Collect Date: 06/24/2008
Collect Time:: 11:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
100-42-5	Styrene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-47-6	o-Xylene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-86-1	Bromobenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
543-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081132
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31797
Collect Date: 06/24/2008
Collect Time:: 11:32

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
91-20-3	Naphthalene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

GROUNDWATER FIELD/LAB FORM

COC

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT-SUPERFUND SECTION-INACTIVE SITES BRANCH

Location code 8006242008 1232

County Johnston

Quad No _____ Serial No. _____

Lat. 35 40' 19" Long. -78 29' 51"

SAMPLE TYPE	SAMPLE PRIORITY
☒ Water	☒ Routine
☐ Soil	☐ Emergency
☐ Other	
☒ Chain of Custody	

E-1

Lab Number 8G0739 AB31797

Date Received 6-24-08 Time: 1312

Rec'd By: HP From: Bus, Courier, Hand Del.,

Other: _____

Data Entry By: _____ Ck: _____

Date Reported: _____

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: _____

Shipped by: Bus, Courier, Hand Del., Other: _____

Purpose:

Collector(s): Sean Boyles Date 6/24/2008 Time 12:32

Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: _____ (circle one)

FIELD ANALYSES

pH 400 _____ Spec. Cond.94 _____ at 25°C

Temp.10 _____ °C Odor _____

Appearance _____

Field Analysis By: _____

Owner West Clayton Mobile Home Park

Location or Site 2885 Old HWY 70

Description of sampling point spigot

Sampling Method direct (Pump, bailer, etc.) Sample Interval _____

Remarks _____ (Pumping time, air temp., etc.)

LABORATORY ANALYSES

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC 680	mg/L
	Turbidity 76	NTU
	Residue, Total Suspended 530	mg/L
	pH 403	units
	Alkalinity to pH 4.5 410	mg/L
	Alkalinity to pH 8.3 415	mg/L
	Carbonate 445	mg/L
	Bicarbonate 440	mg/L
	Carbon dioxide 405	mg/L
	Chloride 940	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	CU
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L
	Phenols 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH_3 as N 610	mg/L
	TKN as N 625	mg/L
	$NO_2 + NO_3$ as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO_3 as N) 620	mg/L
	Nitrite (NO_2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadmium 46559	ug/L
	Cr-Chromium 46559	ug/L
	Cu-Copper 46562	ug/L
	Fe-Iron 46563	ug/L
	Hg-Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg-Magnesium 46554	mg/L
	Mn-Manganese 46565	ug/L
	Na-Sodium 46556	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	PCBs
	Semivolatile Organics
	TPH-Diesel Range
X	Volatile Organics (VOA bottle) ✓
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
Temperature on arrival (°C): 5.0

Lab Comments _____

GW-54 REV. 7/03 For Dissolved Analysis-submit filtered sample and write "DIS" in block.

NC DWQ Laboratory Section Results

County: JOHNSTON
River Basin
Report To FROAP
Collector: S BOYLES
Region: FRO
Sample Matrix: GROUNDWATER
Loc. Type: WATER SUPPLY
Emergency Yes/No
COC Yes/No YES

Sample ID: AB31798
PO Number # 8G0740
Date Received: 06/24/2008
Time Received: 13:12
Labworks LoginID MMATHIS
Date Reported: 7/8/08
Report Generated: 07/08/2008

VisitID
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK

QC 7/8/08

Location ID: 80062420081120	Collect Date: 06/24/2008	Collect Time:: 11:20	Sample Depth

Sample Qualifiers and Comments

Routine Qualifiers

For a more detailed description of these qualifier codes refer to www.dwqlab.org under Staff Access

A-Value reported is the average of two or more determinations
B1-Countable membranes with <20 colonies; Estimated
B2- Counts from all filters were zero.
B3- Countable membranes with more than 60 or 80 colonies; Estimated
B4-Filters have counts of both >60 or 80 and < 20; Estimated
B5-Too many colonies were present; too numerous to count (TNTC)
J2- Reported value failed to meet QC criteria for either precision or accuracy; Estimated
J3-The sample matrix interfered with the ability to make any accurate determination; Estimated
J6-The lab analysis was from an unpreserved or improperly chemically preserved sample; Estimated
N1-The component has been tentatively identified based on mass spectral library search and has an estimated value
N3-Estimated concentration is < PQL and >MDL
NE-No established PQL
P-Elevated PQL due to matrix interference and/or sample dilution
Q1-Holding time exceeded prior to receipt at lab.
Q2- Holding time exceeded following receipt by lab
PQL- Practical Quantitation Limit-subject to change due to instrument sensitivity
U- Samples analyzed for this compound but not detected
X1- Sample not analyzed for this compound

LAB

NC DWQ Laboratory Section Results

Location ID: 80062420081120
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31798
Collect Date: 06/24/2008
Collect Time:: 11:20

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
	Sample temperature at receipt by lab		5.0		°C	HPARKER	MMATHIS
	Method Reference					6/24/08	6/25/08
VOL							
	Volatile Organics In liquid		_TITLE_		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-78-1	Dichlorodifluoromethane	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-87-3	Chloromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-01-4	Vinyl Chloride	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-83-9	Bromomethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-00-3	Chloroethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-69-4	Trichlorofluoromethane	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-35-4	1,1-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-09-2	Methylene Chloride	10	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-34-3	1,1-Dichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
156-59-4	cis-1,2-Dichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-97-5	Bromochloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
67-66-3	Chloroform	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
590-20-7	2,2-Dichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
107-06-2	1,2-Dichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081120
Loc. Descr.: WEST CLAYTON MOBILE HOME PARK
Visit ID

Sample ID: AB31798
Collect Date: 06/24/2008
Collect Time:: 11:20

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
71-55-6	1,1,1-Trichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
563-58-6	1,1-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
56-23-5	Carbon Tetrachloride	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
71-43-2	Benzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
74-95-3	Dibromomethane	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
78-87-5	1,2-Dichloropropane	0.25	0.23	N3	ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-01-6	Trichloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
75-27-4	Bromodichloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-00-5	1,1,2-Trichloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-88-3	Toluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
142-28-9	1,3-Dichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
124-48-1	Dibromochloromethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-93-4	(EDB)1,2-Dibromoethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
127-18-4	Tetrachloroethene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-90-7	Chlorobenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
100-41-4	Ethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081120
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Sample ID: AB31798
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Collect Time:: 11:20

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
75-25-2	Bromoform	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-38-3	m,p-Xylene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
100-42-5	Styrene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-47-6	o-Xylene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
96-18-4	1,2,3-Trichloropropane	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
98-82-8	Isopropylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-86-1	Bromobenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
103-65-1	n-Propylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-49-8	2-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-43-4	4-Chlorotoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
98-06-6	tert-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
135-98-8	sec-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
543-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

NC DWQ Laboratory Section Results

Location ID: 80062420081120
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Sample ID: AB31798
Collect Date: 06/24/2008
Collect Time:: 11:20

CAS #	Analyte Name	PQL	Result	Qualifier	Units	Analyst/Date	Approved By /Date
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
99-87-6	p-Isopropyltoluene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
104-51-8	n-Butylbenzene	0.25	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
96-12-8	1,2-Dibromo-3-Chloropropane	2.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
120-82-1	1,2,4-Trichlorobenzene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
91-20-3	Naphthalene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
87-68-3	Hexachlorobutadiene	0.50	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08
87-61-6	1,2,3-Trichlorobenzene	1.0	Not detected		ug/L	VANDREWS	RKELLING
	Method Reference EPA5030/624/8260					6/24/08	7/8/08

GROUNDWATER FIELD/LAB FORM

COC

North Carolina
Department of Environment and Natural Resources
DIVISION OF WASTE MANAGEMENT-SUPERFUND SECTION-INACTIVE SITES BRANCH

Location code 860624200811120

County Johnston

Quad No _____ Serial No. _____

Lat. 35 40' 19" Long. -78 29' 51"

SAMPLE TYPE	SAMPLE PRIORITY
☒ Water	☒ Routine
☐ Soil	☐ Emergency
☐ Other	
☒ Chain of Custody	

E2

Lab Number 860740 AB31798

Date Received 6-24-08 Time: 1312

Rec'd By: From: Bus, Courier, Hand Del.,

Other: HP

Data Entry By: _____ Ck: _____

Date Reported: _____

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other: _____

Shipped by: Bus, Courier, Hand Del., Other: _____ Purpose:

Collector(s): Sean Boyles Date 6/24/2008 Time 11:20 Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: (circle one)

FIELD ANALYSES

pH 400 _____ Spec. Cond.94 _____ at 25°C

Temp.10 _____ °C Odor _____

Appearance _____

Field Analysis By: _____

Owner West Clayton Mobile Home Park

Location or Site 2885 Old Hwy 70 Clayton

Description of sampling point spigot

Sampling Method direct (Pump, bailer, etc.) Sample Interval _____

Remarks _____ (Pumping time, air temp., etc.)

LABORATORY ANALYSES

	BOD 310	mg/L
	COD High 340	mg/L
	COD Low 335	mg/L
	Coliform: MF Fecal 31616	/100ml
	Coliform: MF Total 31504	/100ml
	TOC 680	mg/L
	Turbidity 76	NTU
	Residue, Total Suspended 530	mg/L
	pH 403	units
	Alkalinity to pH 4.5 410	mg/L
	Alkalinity to pH 8.3 415	mg/L
	Carbonate 445	mg/L
	Bicarbonate 440	mg/L
	Carbon dioxide 405	mg/L
	Chloride 940	mg/L
	Chromium: Hex 1032	ug/L
	Color: True 80	CU
	Cyanide 720	mg/L

	Diss. Solids 70300	mg/L
	Fluoride 951	mg/L
	Hardness: Total 900	mg/L
	Hardness (non-carb) 902	mg/L
	Phenols 32730	ug/l
	Specific Cond. 95	µMhos/cm
	Sulfate 945	mg/L
	Sulfide 745	mg/L
	Oil and Grease	mg/L
	NH_3 as N 610	mg/L
	TKN as N 625	mg/L
	$NO_2 + NO_3$ as N 630	mg/L
	P: Total as P 665	mg/L
	Nitrate (NO_3 as N) 620	mg/L
	Nitrite (NO_2 as N) 615	mg/L

	Ag-Silver 46566	ug/L
	Al-Aluminum 46557	ug/L
	As-Arsenic 46551	ug/L
	Ba-Barium 46558	ug/L
	Ca-Calcium 46552	mg/L
	Cd-Cadmium 46559	ug/L
	Cr-Chromium 46559	ug/L
	Cu-Copper 46562	ug/L
	Fe-Iron 46563	ug/L
	Hg-Mercury 71900	ug/L
	K-Potassium 46555	mg/L
	Mg-Magnesium 46554	mg/L
	Mn-Manganese 46565	ug/L
	Na-Sodium 46556	mg/L
	Ni-Nickel	ug/L
	Pb-Lead 46564	ug/L
	Se-Selenium	ug/L
	Zn-Zinc 46567	ug/L

	Organochlorine Pesticides
	Organophosphorus Pesticides
	Nitrogen Pesticides
	Acid Herbicides
	PCBs
	Semivolatile Organics
	TPH-Diesel Range
X	Volatile Organics (VOA bottle)
	TPH-Gasoline Range
	TPH-BTEX Gasoline Range

LAB USE ONLY
Temperature on arrival (°C): 5.0

Lab Comments _____

GW-54 REV. 7/03 For Dissolved Analysis-submit filtered sample and write "DIS" in block.