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NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

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December 30, 1999

Ms. Jennifer Wendel
NC Site Management Section
US EPA Region IV Waste Division
61 Forsyth Street, 11th Floor
Atlanta, GA 30503

Subject: Combined Preliminary Assessment/Site Inspection (PA/SI)
VC Chemical-Wadesboro
Wadesboro, Anson County, NC
US EPA ID: NCSFN 0406 924

Dear MS. Wendel:

Enclosed is the Combined Preliminary Assessment/Site Inspection (PA/SI) for the Virginia Carolina Chemical Company's Wadesboro facility (VC Chemical-Wadesboro) as completed by the NC Superfund Section. The VC Chemical-Wadesboro site is located approximately one mile off US Hwy 74 on Stanback Ferry Road in Wadesboro, Anson County, NC.

Virginia Carolina Chemical operated a fertilizer manufacturing facility at this site from 1911 until approximately 1945. The facility remained unused and was acquired by Anson County at some point following 1945. In the early 1980s, Mr. Carl Weston, the current owner, purchased the property from the county in auction. Mr. Weston operated a small metals recovery business on the site for a short period after purchase and then abandoned the property. The property is not currently being used and appears to have been abandoned for several years.

The site is located in a rural section of Anson County and is surrounded by thick pine forests. There are three residences adjacent to the property and five residences, for a total of 17 people, within a quarter of a mile that utilizes groundwater as their primary drinking water source.

The site is approximately 11 acres and is bounded on three sides by abandoned railroad beds. The site is not secure and the gate to the access road has been breached and is not capable of being locked. There are several small, dilapidated buildings, a 100,000-gallon water reservoir, a large warehouse, the crumbling skeleton of the former acid camber towers and a large crumbling railroad support

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wall remaining at the site. The majority of the equipment has been removed from the site.

In December 1998, NC Superfund personnel conducted a site reconnaissance in which a large area of magenta colored soil was observed. The nearest residence, within 200 feet, to the stained soils was uninhabited. In May 1999, NC Superfund personnel again conducted a site reconnaissance and the residence was inhabited by Mr. Bunyon Tyson and his family. The NC Superfund Section requested permission from the EPA to conduct a PA/SI sampling of the site. Permission was granted in June and the sampling was conducted on July 26, 1999.

Three main soil source areas were sampled during the July 1999 PA/SI. Analytical results indicated that each of these areas contain arsenic concentration in excess of both the EPA health-based soil screening (0.43 ppm) and NC Inactive Hazardous Sites soil remediation goal (4.6 ppm) levels. Lead levels in all but one of these areas exceeded the NC soil remediation goal of 400 ppm. Each area also contained copper, barium and selenium significantly above background concentrations. None of the sampled areas exhibited any volatile or semi-volatile organics or pesticide contamination above detectable limits or background concentrations.

The five nearby potable wells and one background well were sampled. Analytical results indicated that no wells exhibited any detectable levels of volatile or semi-volatile organics, metals or pesticides. All five wells exhibited concentrations of sulfate significantly above the background well, in which no sulfate was detected.

Analytical results did not indicate the presence of any detectable levels of volatile or semi-volatile organics, metals or pesticides in the surface water or sediments. According to the NC Public Water Database, there are no community wells or surface water intakes located along the 15-mile surface water pathway.

The threat to the air pathway is considered to be minimal, since no odors or entrained dust were observed during either site reconnaissance. A Mini-Rae photoionization detector was used to monitor the air quality at the site during the SI sample. No ambient air readings above background levels were detected. There are no on-site residents, but the Bunyon Tyson family, with two small children (1 and 6 years of age) live within 200 feet of the magenta colored, lead contaminated soils. The site and none of the source areas are secure. There are no schools or day care centers within a quarter mile of the site.

Due to the levels of lead and arsenic detected at the site, the NC Superfund Section requested a Removal Assessment of the site be conducted by the Emergency Response and Removal Branch (ERRB) of the EPA. The ERRB and a START contractor conducted a Removal Assessment of the VC Chemical-Wadesboro site in December of 1999. Results of this assessment were not available at the time of this report.

Based on the combined PA/SI results, the NC Superfund Section recommends that the site be assigned a "No Further Remedial Action Planned" status under CERCLA. However, because levels of contamination in surface soils at some of the source areas exceed the federal health-based soil screening and NC soil remediation benchmarks, the owners or developers of the

property should address the contamination before siting residences on the site or allowing access to the site by the public.

Sincerely,

Scott C. Ryals
Environmental Chemist
NC Superfund Section

*State of*
*North Carolina*

*Department of Environment*
*And Natural Resources*
*Division of Waste Management*
*Superfund Section*

# *COMBINED PRELIMINARY ASSESSMENT / SITE INSPECTION*

*Virginia Carolina Chemical – Wadesboro*
*NCSFN 0406 924*
*Wadesboro, Anson County, North Carolina*
*Reference No. 06754*

*December 30, 1999*

*Scott C. Ryals*
*Environmental Chemist*
*Division of Waste Management*
*Superfund Section*

# *COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT*

*VC Chemical-Wadesboro*
*NCSFN 0406 924*
*Wadesboro, Anson County, NC*
*Reference No. 06754*

*December 30, 1999*

*Superfund Section*
*Division of Waste Management*
*North Carolina Department of Environment*
*And Natural Resources*

*Prepared By:*

*Scott C. Ryals*
*Environmental Chemist*

*Reviewed By:*

*Dan LaMontagne, Head*
*Site Evaluation and Removal Branch*

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# EXECUTIVE SUMMARY

The VC Chemical-Wadesboro site is located approximately one mile off US Hwy 74 on Stanback Ferry Road in Wadesboro, Anson County, NC.

Virginia Carolina Chemical operated a fertilizer manufacturing facility at this site from 1911 until approximately 1945. The facility remained unused and was acquired by Anson County at some point following 1945. In the early 1980s, Mr. Carl Weston, the current owner, purchased the property from the county in auction. Mr. Weston operated a small metals recovery business on the site for a short period after purchase and then abandoned the property. The property is not currently being used and appears to have been abandoned for several years.

The site is located in a rural section of Anson County and is surrounded by thick pine forests. There are three residences adjacent to the property and five residences, for a total of 17 people, within a quarter of a mile that utilizes groundwater as their primary drinking water source.

The site is approximately 11 acres and is bounded on three sides by abandoned railroad beds. The site is not secure and the gate to the access road has been breached and is not capable of being locked. There are several small, dilapidated buildings, a 100,000-gallon water reservoir, a large warehouse, the crumbling skeleton of the former acid camber towers and a large crumbling railroad support wall remaining at the site. The majority of the equipment has been removed from the site.

In December 1998, NC Superfund personnel conducted a site reconnaissance in which a large area of magenta colored soil was observed. The nearest residence, within 200 feet, to the stained soils was uninhabited. In May 1999, NC Superfund personnel again conducted a site reconnaissance and the residence was inhabited by Mr. Bunyon Tyson and his family. The NC Superfund Section requested permission from the EPA to conduct a PA/SI sampling of the site. Permission was granted in June and the sampling was conducted on July 26, 1999.

Three main soil source areas were sampled: (1) an approximately 1,200 square foot area devoid of vegetation with a magenta coloration to the soils (VC-02-SL & VC-102-SL), (2) an approximately 400 square foot area where the pyrite ores had been stored (VC-06-SL) and (3) an approximately 400 square foot area devoid of vegetation located east of the 100,000 gallon water reservoir (VC-08-SL). Analytical results indicated that each of these areas contain arsenic concentration in excess of both the EPA health-based soil screening (0.43 ppm) and NC Inactive Hazardous Sites soil remediation goal (4.6 ppm) levels. Arsenic levels were 32, 30, 12 and 92 ppm respectively. Lead levels in all, but VC-08-SL, of these areas exceeded the NC soil remediation goal of 400 ppm. Lead levels were 3002, 3361 and 591 ppm respectively. Each area also contained copper, barium and selenium significantly above background concentrations. None of the sampled areas exhibited any volatile or semi-volatile organics or pesticide contamination above detectable limits or background concentrations.

The five nearby potable wells and one background well were sampled. Analytical results indicated that no wells exhibited any detectable levels of volatile or semi-volatile organics, metals or pesticides. All five wells exhibited concentrations of sulfate significantly above the background well, in which no sulfate was detected.

Surface water runoff from the site enters an unnamed tributary of Brush Fork Creek in two locations: (1) the northern probable point of entry (PPE) drains the former fertilizer mixing warehouse and (2) the southern PPE drains the magenta colored soils. Water from the tributary flows into Brush Fork, which merges with Bailey Creek, which merges with Jones Creek. The 15-mile surface water pathway ends in Jones Creek approximately 0.5 miles east of the NC Hwy 145 bridge. Analytical results did not indicate the presence of any detectable levels of volatile or semi-volatile organics, metals or pesticides in the surface water or sediments. According to the NC Public Water Database, there are no community wells or surface water intakes located along the 15-mile surface water pathway.

The threat to the air pathway is considered to be minimal, since no odors or entrained dust were observed during either site reconnaissance. A Mini-Rae photoionization detector was used to monitor the air quality at the site during the SI sample. No ambient air readings above

background levels were detected. There are no on-site residents, but the Bunyon Tyson family, with two small children (1 and 6 years of age) live within 200 feet of the magenta colored, lead contaminated soils. The site and none of the source areas are secure. There are no schools or day care centers within a quarter mile of the site.

Due to the levels of lead and arsenic detected at the site, the NC Superfund Section requested a Removal Assessment of the site be conducted by the Emergency Response and Removal Branch (ERRB) of the EPA. The ERRB and a START contractor conducted a Removal Assessment of the VC Chemical-Wadesboro site in December of 1999. Results of this assessment were not available at the time of this report.

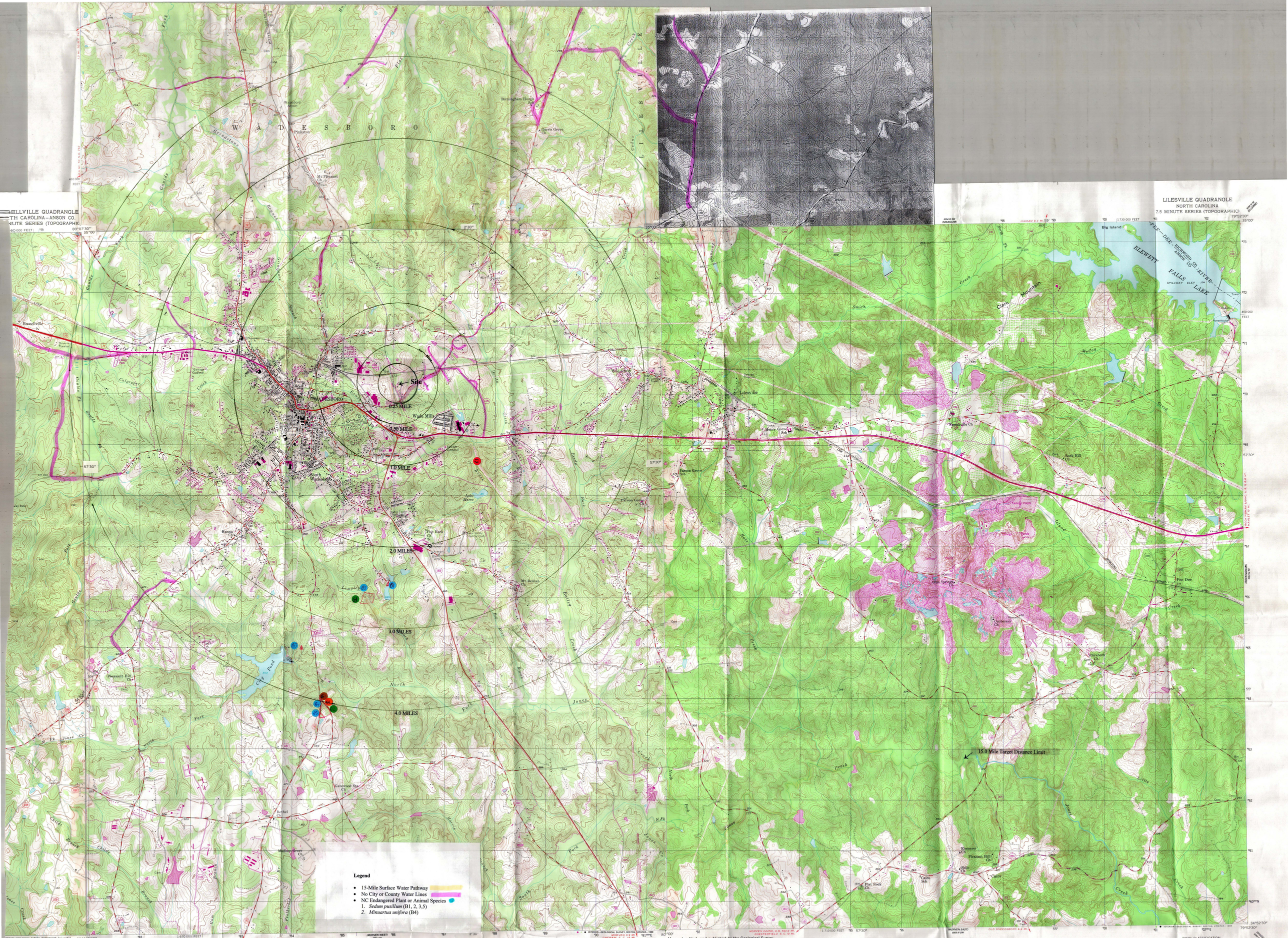
## 1.0 INTRODUCTION

Under authority of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA), the NC Superfund Section conducted an Combined Preliminary Assessment / Site Inspection (PA/SI) at the Virginia Carolina Chemical – Wadesboro Site (VCC-Wadesboro), which is located on Stanback Ferry Road in Wadesboro, Anson County, North Carolina (US EPA ID: NCSFN 0406 924). The purpose of this investigation was to collect information concerning conditions at the site sufficient to assess the threat posed to human health and the environment and to determine the need for additional CERCLA / SARA or other appropriate action. The scope of the investigation included review of available file information, a comprehensive target survey, onsite and offsite reconnaissance (December 17, 1998 and May 27, 1999), interviewing neighbors and collecting environmental samples (June 26, 1999).

## 2.0 SITE DESCRIPTION

### 2.1 Location

The VCC-Wadesboro site is located along Stanback Ferry Road just outside the city limits of Wadesboro, North Carolina and approximately one mile after turning off US Hwy 52 (Fig. 1, 2). The coordinates for the site are 34°58'22" North Latitude and 80°03'26" West Longitude (Ref. 1). The two year, twenty-four hour rainfall for Anson County averages 3.75 inches (Ref. 2). Normal annual total rainfall averages 44 inches, while the mean annual lake evaporation averages 41 inches; therefore, the net annual precipitation is 3 inches of rain at the site (Ref. 3).




Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1954. Field checked 1956

Polyconic projection. 1927 North American Datum
10,000-foot grid ticks based on North Carolina coordinate system
000-meter Universal Transverse Mercator grid, zone 17
o place on the predicted North American Datum 1983
ove the projection lines 11 meters south and
9 meters west as shown by dashed corner ticks

Revisions shown in purple and woodland compiled in cooperation with State of North Carolina agencies from aerial photographs taken 1984 and other sources. This information not field checked
Map edited 1988

ROAD CLASSIFICATION
Light-duty road, hard or improved surface
Unimproved road
U. S. Route — State Route

RUSSELLVILLE, N. C.
N3452.5—W8007.5/7.5
1971
AMS 4953 I NW—SERIES V842

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Figure 1

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Topography by photogrammetric methods from aerial photographs taken 1954. Field checked 1956

Polyconic projection. 10,000-foot grid ticks based on North Carolina coordinate system. 1000-meter Universal Transverse Mercator grid, zone 17. 1927 North American Datum. To place on the predicted North American Datum 1983 move the projection lines 11 meters south and 20 meters west as shown by dashed corner ticks

Revisions shown in purple and woodland compiled in cooperation with State of North Carolina agencies from aerial photographs taken 1981 and other sources. This information not field checked. Map edited 1982

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

WADESBORO, N. C.
34080-H1-TF-024
1956
PHOTOREVISED 1988
DMA 4953 I NE—SERIES V842

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
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ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route

LILESVILLE, N. C.
N3452.5—W7952.5/7.5
1956
PHOTOREVISED 1982
DMA 5053 IV NW—SERIES V842

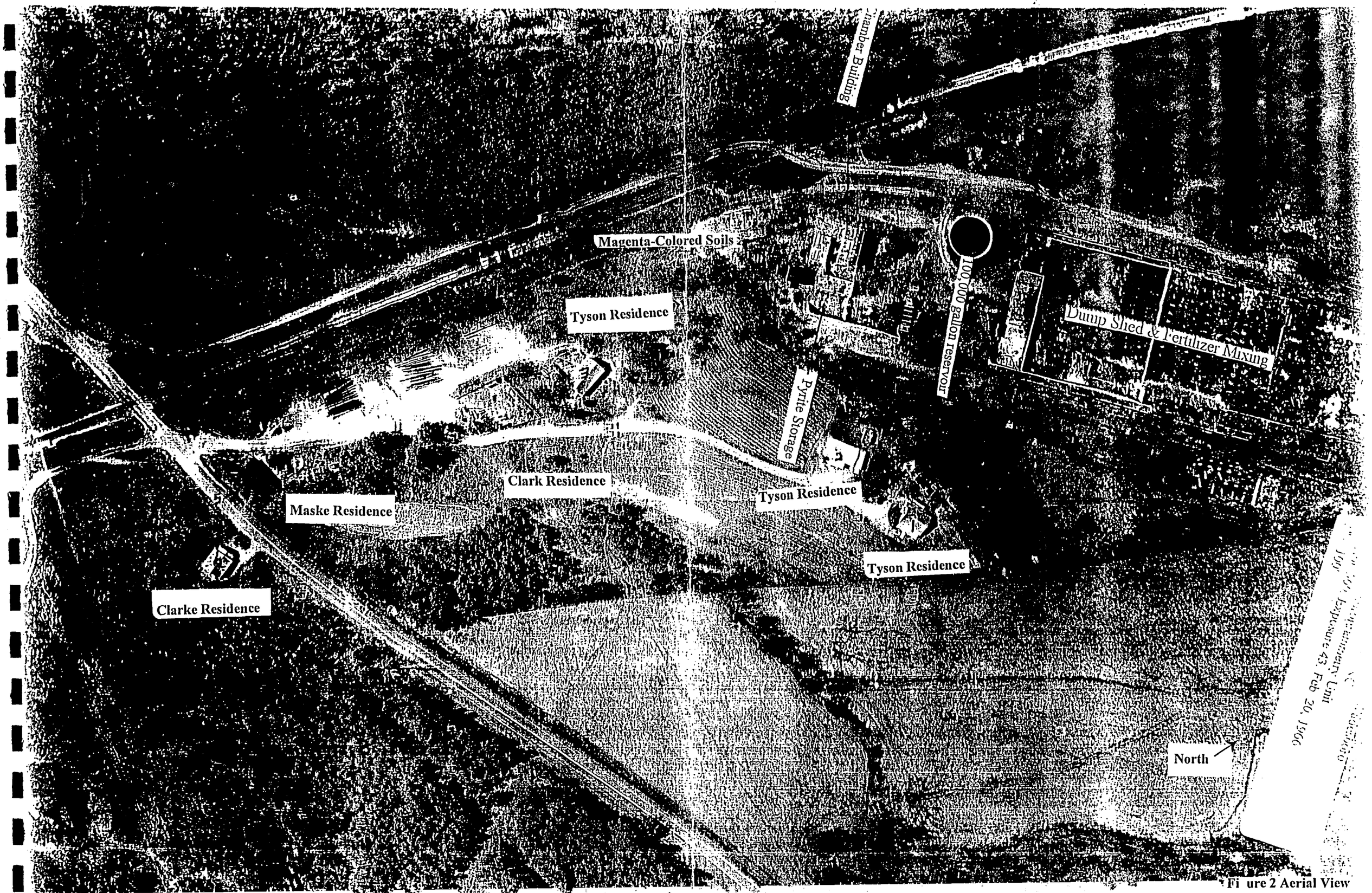
## 2.2 Site Description

The VCC-Wadesboro site operated as a fertilizer manufacturing facility from 1911 (Ref. 4) to 1945 and encompasses approximately 10.38 acres of land bounded on either side by raised railroad beds (Fig. 2). The tracks have been removed. The site is vacant, unused and unfenced. There is some evidence of trespassing on the site (small household waste dump and beverage bottles and cans). The nearby property owner has tried unsuccessfully to install a gate to prevent access to the site from the road. There is an uninhabitable house trailer on the property and an old well. Near the well, there is a 100,000-gallon water reservoir, which still contains water. Some of the original buildings have fallen or been removed, but there are several small buildings (Photo # 1,2,3,6,7,8); part of the support structure for the acid tanks, a 30-foot retaining wall for the tracks (Photo #4), a large warehouse and a large concrete pad still remaining. The remaining structures have deteriorated to a point where they represent a physical hazard of collapsing.

The site is overgrown, predominantly with pine trees and briars. The site was acquired by Anson County for nonpayment of taxes and subsequently purchased by auction from Anson County by Mr. Carl Weston, the current owner, in the early 1980s.

The plant layout is shown in figures 2a and 2b. When in operation, the plant had several large lead lined acid chambers arranged on large concrete towers. In the vicinity of the towers were located the burners that supplied heat for the process, a materials storage area and a pump house. A 100,000-gallon water reservoir was used for fire protection and the site was dominated by the large fertilizer mixing and processing warehouse located north of the acid chambers. The area surrounding the reservoir is open and overgrown with grasses. Along the eastern edge of the open area is located an uninhabited house trailer. Along the eastern edge of the site, a large concrete retaining wall, reaching 30 feet in height at some locations, was built to allow the construction of a raised railroad bed from which raw materials were dumped.

South of the acid chamber towers, there is a large area, approximately 1200 square feet, devoid of all growth (Photo #12, 13). The soils in this area exhibit a magenta coloration. The magenta colored soils source area is within 200 feet and up gradient of the Bunyon Tyson residence, which is served by groundwater. Mr. Tyson is not the closest resident to the site itself, but his residence is the closest to any of the suspected source areas. In addition to this residence, there are five more nearby residences served by drinking water wells.




Fi ure 2 Aerial View

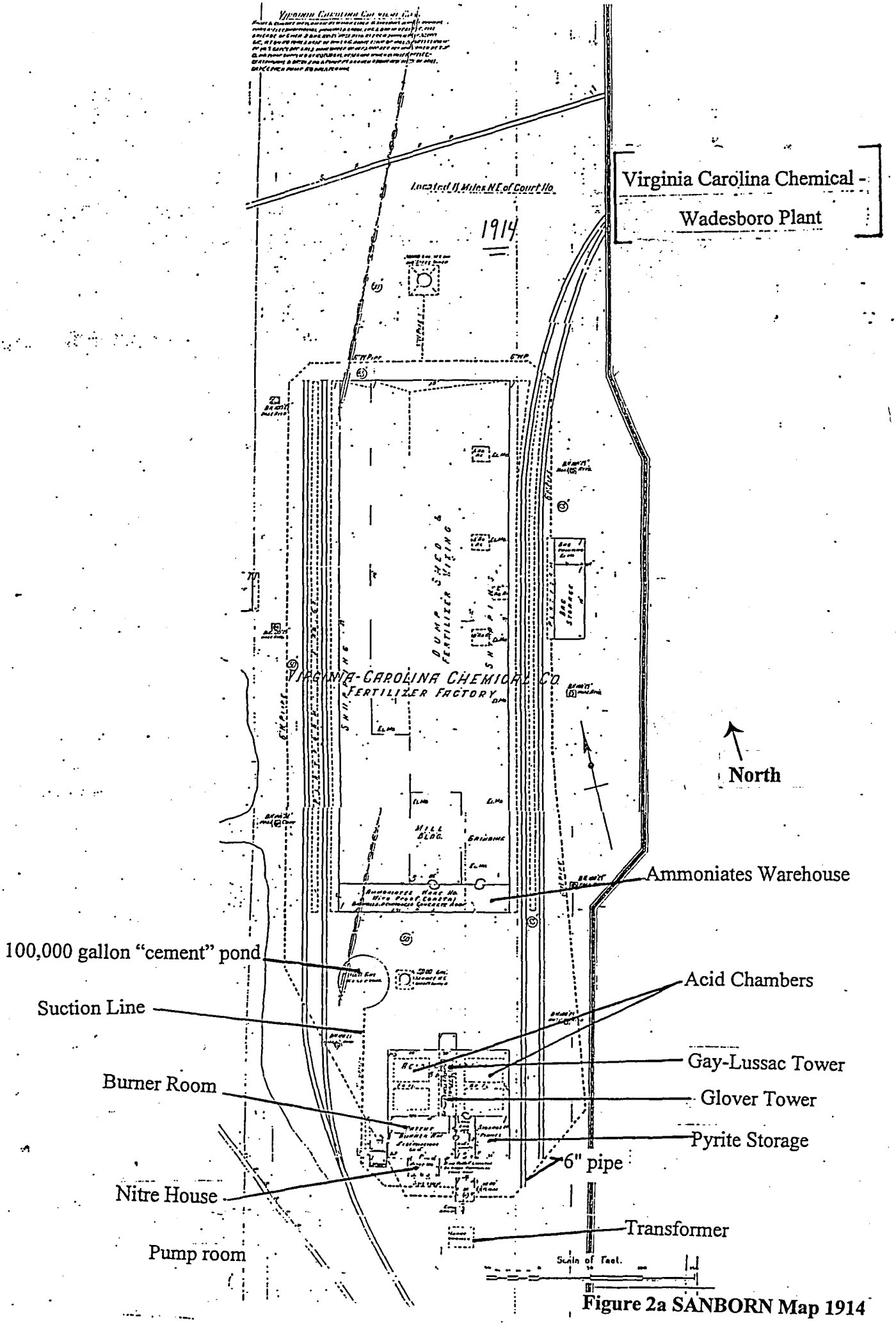
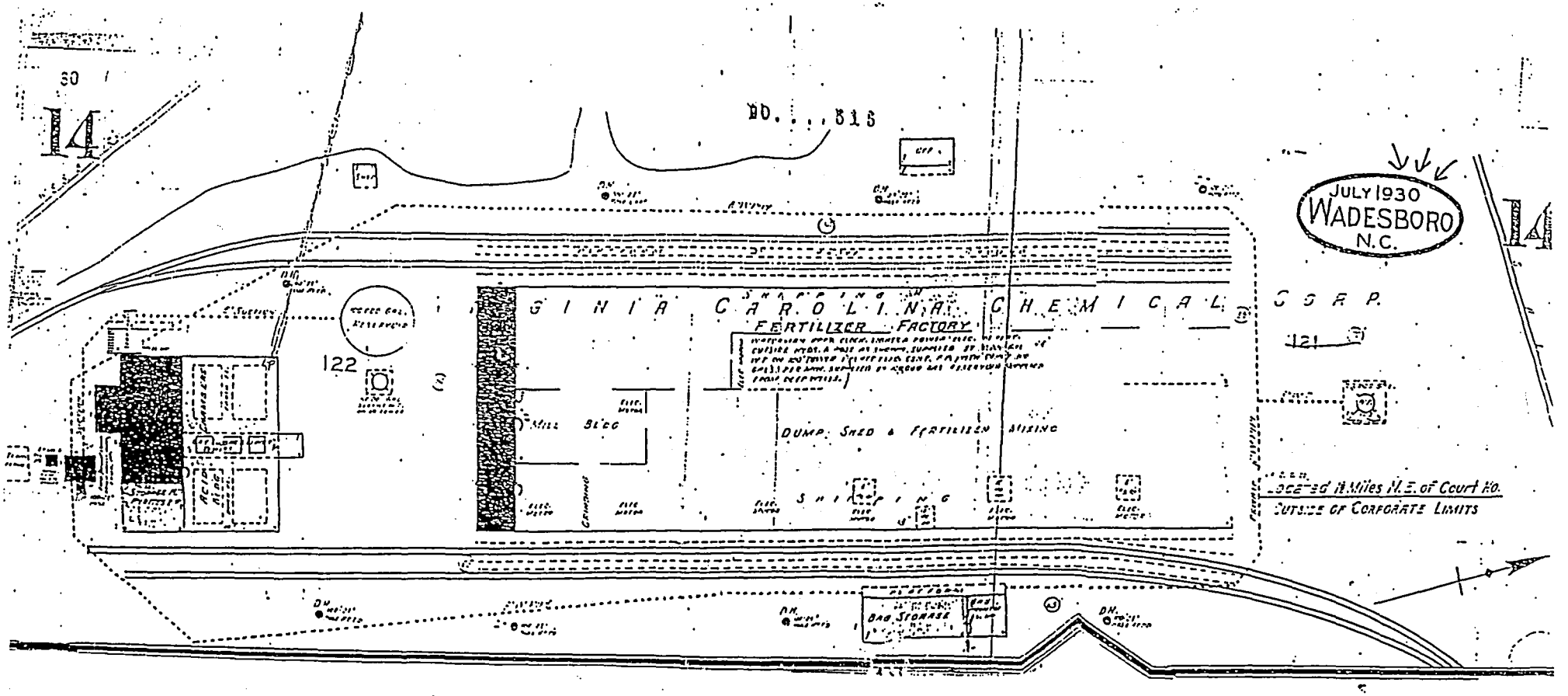



Figure 2a SANBORN Map 1914




Virginia Carolina Chemical - Wadesboro Plant

North

Figure 2b SANBORN Map 1930

## 2.3 Operational History

Due to the length of time since the facility was last in operation, there are little to no records indicating plant operation and processes. It is known that the facility utilized the "chamber process" (Ref. 5) for the manufacturing of fertilizers. This process is summarized below.

In the eighteenth and nineteenth centuries and up until the beginning of World War II, the "chamber process" was the most widely used method of manufacturing sulfuric acid. Iron pyrite (Fool's Gold) was the most common raw material for sulfur compounds. The pyrite was burned/roasted in brick-lined fireboxes of varying designs. In addition to iron pyrite, this raw material also contained arsenic and selenium with some copper, nickel, cobalt and gold.

After the pyrite ores were burned, the hot sulfur gases were transferred to the bottom of the Glover Tower where the gases then rose through the tower and into the lead-lined acid chambers. Sulfur oxides, water and oxide of nitrogen were combined in the lead chambers to make sulfuric acid. The lead chambers were typically 50-150 feet long, 16-26 feet high and 20-30 feet wide. There were usually three to six chambers. A portion of the acid condensed on the chamber walls, drained into a gutter constructed inside the chamber and dripped from a spout outside the chamber. Visual inspection of the fluid gave the plant operator information needed in order to operate the plant.

After leaving the lead chambers, the acid was then trickled down the Glover Tower (countercurrent to the rising gases) and thereby concentrated. The Glover Tower was constructed of acid-proof brick, with or without a sheath made of lead. The Glover Tower rested on a lead pan and on top of the pan was laid an acid-proof masonry floor. The tower was packed with a coarse material such as quartz gravel. The towers ranged from 30-40 feet in height.

After leaving the Glover Tower, the acid was typically cooled in water-jacketed lead tubs filled with lead cooling coils. Another tower associated with the process, the Gay-Lussac

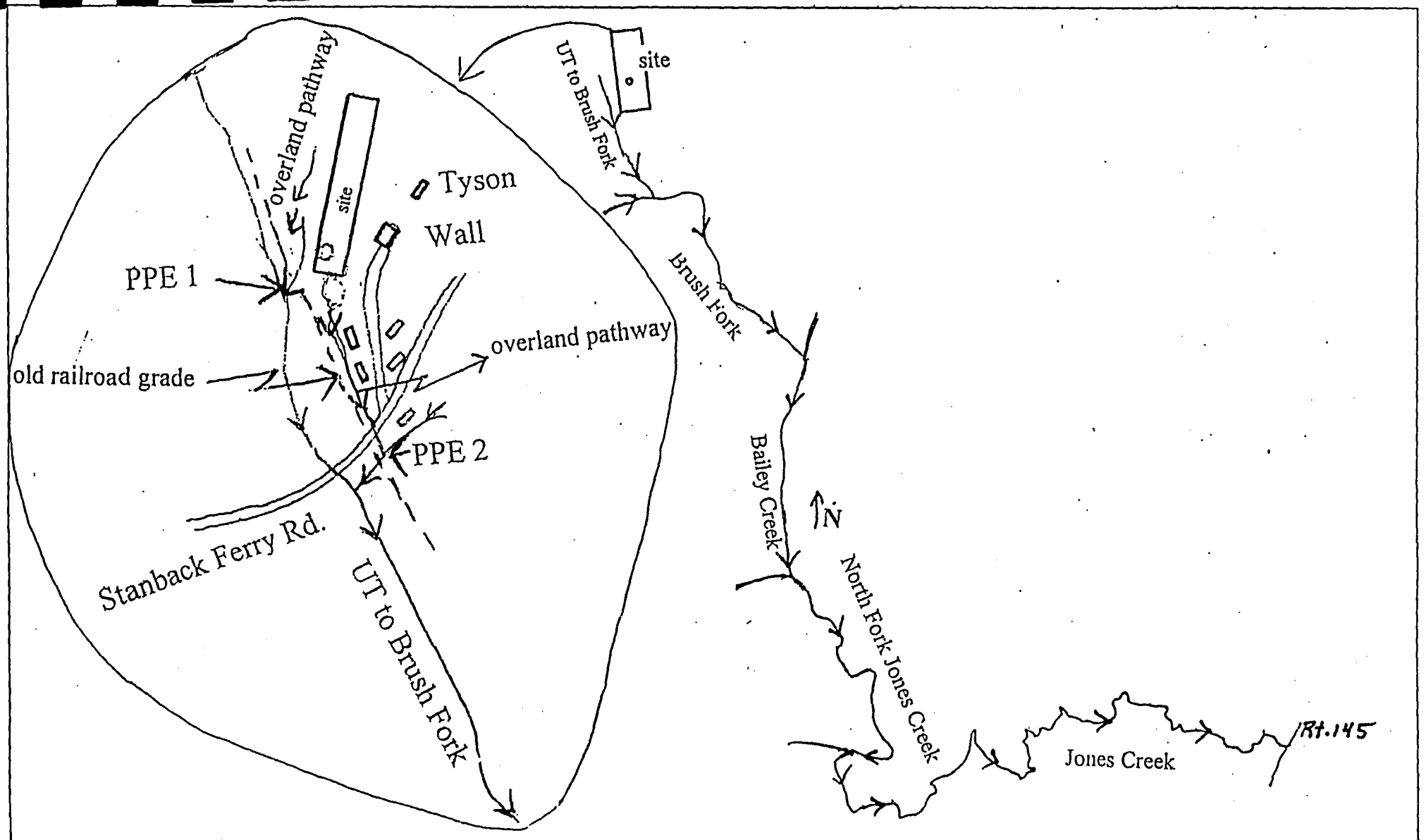
Tower, served to recover oxides of nitrogen from the exhaust gases. Facilities usually had two 35-foot Gay-Lussac Towers next to each other. The Gay-Lussac Towers were generally constructed out of iron. The "chamber process" was practically obsolete by the beginning of World War II.

### 2.4 Regulatory History

The facility was assigned a US EPA ID # NCSFN 0406 924 in May of 1999. At this time, no records have been found that further detail how wastes (generated, wastewater, spent solvents, surplus ores and pyrite cinders) were handled, stored or shipped from the site. According to available records, the site closed prior to the promulgation of any environmental legislation.

### 2.5 Previous Investigations

The site was reported by Ms. Irene Williams of the NC Superfund Section based upon a historical review of properties held by the Virginia Carolina Chemical Company (Ref. 27). On December 17, 1998, personnel from the North Carolina Division of Waste Management, Superfund Section conducted a site reconnaissance (Ref. 6). The aforementioned site description was prepared from this trip report. NC Superfund personnel noted that the site was very overgrown and that the ground was thick with pine straw, leaves and sticks. One area, located south of the lead chambers was devoid of vegetation and debris. The area was noted to have a noticeable erosional pattern and a dark magenta coloring. Two probable points of entry (PPE) to surface water were noted (Fig. 3). The southern PPE was determined to be located approximately 750 feet south of the site and receives water runoff from the stained soils. The western PPE was determined to be located approximately 100 feet west of the site. NC Superfund personnel noted that there were three residences adjacent to the site with the closest residence to the magenta colored soils source area, which was uninhabited, approximately 200 feet. All three residences received their drinking water from groundwater.

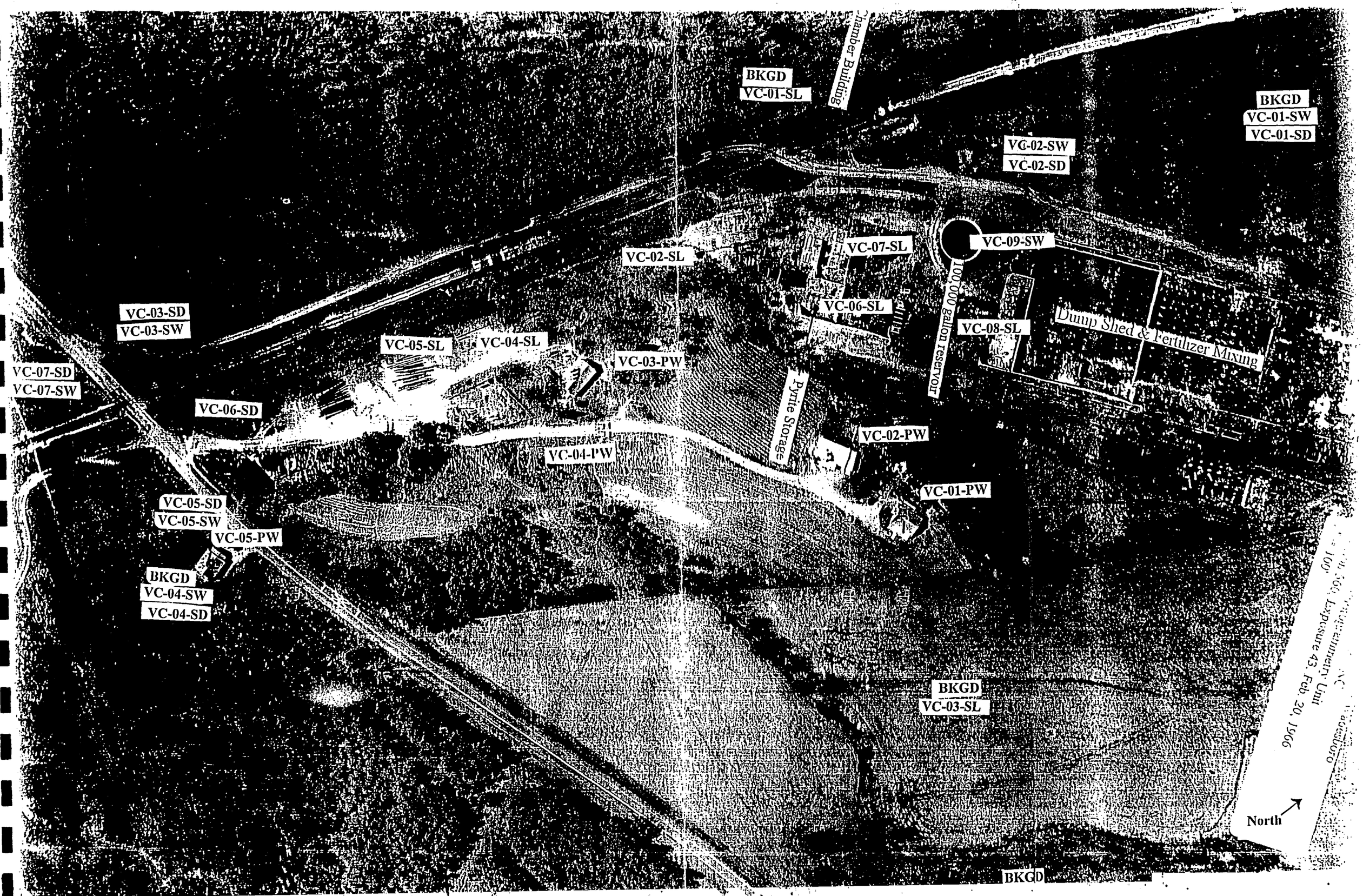



| | | | |
|---|---|---|---|
| **Figure 3 PPEs** | Title: Surface Water Pathway | | |
| North Carolina Division of Waste Management Superfund Section | Scale: | Date: September 1998 | Drawn By: J. Stanley |
| | Site Name: VCC -- Wadesboro | | NCD |

On May 27, 1999, personnel from the NC Superfund Section conducted a second site reconnaissance (Ref. 7, 8) and spoke with the nearby homeowners who had not been previously contacted. The previously uninhabited residence closest to the sight was now occupied by Mr. Bunyon Tyson, his wife and two small children (1 and 6 years of age).

From the information collected from the on-site reconnaissance conducted by NC Superfund personnel, it was necessary to collect samples and additional target information to determine if the site posed a risk to human health and whether the site would require further remedial action under CERCLA. On June 1999, the State requested EPA approval to proceed with site sampling and completion of a combined PA/SI report (Ref. 9). The sampling plan was approved on July 7, 1999 (Ref. 10) and sampling was conducted on July 26, 1999. Personnel from the NC Superfund Section collected samples in the source areas, PPEs, nearby drinking water wells, surface water pathway and background areas of the VCC-Wadesboro site (Fig. 4, Photos, Refs. 11, 12). Five nearby and one background water wells were sampled for metals, nutrients, pesticides and volatile and semi-volatile organics. Seven surface soil, six surface water and seven sediment samples were collected in order to characterize the potential contaminants at the site.

Based upon the results of the sampling conducted on July 26, 1999, the NC Superfund Section requested an Immediate Removal Evaluation in October 1999 (Ref. 13). The US EPA Region IV Emergency Response and Removal Branch (ERRB) conducted a Removal Assessment on December 2, 1999. A Superfund Technical Assistance and Response Team (START) collected eight soil samples, with one sample being collected over a 36-inch depth, for the purpose of further characterizing the extent of the contamination at the site. As of the completion of this report, neither the removal assessment nor the analytical results from the removal assessment sampling have been received.




Lexington, Massachusetts
Lexington, Massachusetts
109.
Exposure 43, Feb. 20, 1966

## 3.0 WASTE / SOURCE SAMPLING

### 3.1 Source Locations and Sampling

The site location map (Fig. 4) depicts six (6) potential source areas identified by the NC Superfund Section during the onsite reconnaissance and a review of available files. These sources include:

1. Barren soil area near the reservoir (VC-08-SL) (Photo #9). North, northeast of the reservoir, there is an area of approximately 400 square feet in which vegetation shows indications of being stressed. The soil does not show any abnormal coloration.
2. 100,000-gallon water reservoir (VC-09-SW) (Photo #5,11). This is a concrete structure of unknown depth. It is approximately 25-30 feet in diameter and easily accessible for swimming, but due to the sloping of the sides of the reservoir, it would be difficult to exit. The water was not sampled during the May 27, 1999 PA/SI sampling due to the difficulty of reaching the water surface without entering the reservoir itself.
3. Soil area located underneath the remains of the lead acid-chamber towers (VC-07-SL) (Photo #1). This area was not sampled due to the deteriorating condition of the concrete structure overhead. This area is approximately 400 square feet.
4. Pyrite cinders storage area nearest the lead acid-chamber towers (VC-06-SL) (Photo #10). This area is located directly east of the acid chambers. It is an area of approximately 400 square feet. The soil contained a white, clayey substance.
5. Area of magenta colored soils located south, southeast of the lead acid-chamber towers (VC-02-SL & VC-102-SL) (Photo #12,13). This area was devoid of all vegetation and the soils had a magenta coloration. The area is approximately 1200 square feet.
6. According to the information provided in Figure 2, there appeared to be a pole storage area/facility with drums of unknown substances located on adjacent property (VC-04-SL). The poles look to be similar to telephone and power line poles. The area is within the overland flow pathway of the southern PPE.

It is an area of approximately 2,000 square feet. The pole storage/facility is gone and during the May 27, 1999 reconnaissance it was noted that the site is now occupied by a small, engine repair business owned by Mr. Robert Clark. The business was totally destroyed by a fire in June of 1999.

The sampling plan was chosen to determine the presence of contaminants at the potential site source areas (Ref. 9). Source sample locations for the July 26, 1999 PA/SI are described in Table 1 and are shown in Figure 4. Data has not yet been received from the December 2, 1999 investigation; therefore the locations of the samples collected by the EPA START team during the December 2, 1999 removal assessment can not be shown.

All sampling was conducted by the NC Superfund Section according to section Standard Operating Procedures (SOPs) and US EPA Region IV "Environmental Investigation Standard Operating Procedures and Quality Assurance Manual" (May 1996). Samples were submitted to the NC State Laboratory of Public Health and analyzed for volatile organics, semi-volatile organics, metals, pesticides and nutrients (Appendix A). The magenta colored soils were suspected to contain leachable levels of lead and arsenic. All soil samples were tested in accordance with the Toxicity Characteristic Leachate Procedure (TCLP).

**Table 1**
**Source Sample Locations**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Sample Number | Location | Analyses | Matrix |
|---|---|---|---|
| VC-001-SL | Background #1 | Metals, V, SV, N | Soil |
| VC-002-SL | Source 1. Magenta soil source, down from acid chambers | Metals, V, SV, N | Soil |
| VC-102-SL | Duplicate of VC-02-SL | Metals, V, SV, N | Soil |
| VC-003-SL | Background #2 | Metals, V, SV, N | Soil |
| VC-004-SL | Source 2. Near auto repair shop & pole storage | Metals, V, SV, N | Soil |
| VC-005-SL | Overland flow southern PPE | Metals, V, SV, N | Soil |
| VC-006-SL | Source 3. Pyrite storage area | Metals, V, SV, N | Soil |
| VC-007-SL | Source 4. Acid-mixing area | Metals, V, SV, N | Soil |
| VC-008-SL | Source 5. Fertilizer mixing area | Metals, V, SV, N | Soil |
| VC-009-SW | Source 6. On-site reservoir | Metals, V, SV, N | Surface Water |

V = Volatile organic compounds
SV = Semi-volatile organic compounds
N = Nutrients
SL = Soil

### 3.2 Source Sampling Analytical Results

Analytical results for source sampling conducted during the July 26, 1999 PA/SI are included in Appendix A and summarized in Table 2. Table 2 lists all analytes measured above detection limits in at least one sample with the exclusion of mercury and silver which were slightly above minimum detection limits. Contaminants detected at levels significantly above background are shown in **bold.** Contaminants were considered to be significantly above background if they were detected at levels greater than or equal to three times the background concentration for that contaminant or if they were detected in the source sample but not detected in the background. Levels exceeding the EPA health-based soil benchmarks for residential exposures are identified by ***bold Italics*** in Table 2 (Ref. 14). NC Inactive Hazardous Sites Branch soil remediation goals for each contaminant are also listed in Table 2 (Ref. 14). No volatiles, pesticides or semi-volatiles were detected above background either the US EPA residential exposure benchmarks.

All soil samples were grab samples collected from within zero to six inches of the surface. All samples were collected on July 26, 1999 by NC Superfund personnel and

placed on ice in the field until shipment to the NC Public Health Laboratory on July 27, 1999.

**Table 2**
**Source Sample Analytical Results**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Sample | Lead/TCLP (mg/kg) | Arsenic (mg/kg) | Chromium (mg/kg) | Vanadium (mg/kg) | Copper (mg/kg) | Selenium (mg/kg) | Barium (mg/kg) |
|---|---|---|---|---|---|---|---|
| VC-001-SL** | 4 | <MDL | 8 | 10 | <MDL | <MDL | 20 |
| VC-002-SL | ***3002/36.6*** | ***32*** | <MDL | <MDL | **95** | **6** | **349** |
| VC-102-SL | ***3361*** | ***30*** | <MDL | <MDL | **108** | **4** | **441** |
| VC-003-SL** | 12 | <MDL | 6 | 10 | <MDL | <MDL | 28 |
| VC-004-SL | 14 | <MDL | 6 | 10 | **24** | <MDL | 34 |
| VC-005-SL | **82** | ***10*** | **18** | 24 | **34** | <MDL | **60** |
| VC-006-SL | ***591/5*** | ***12*** | 6 | 10 | **51** | <MDL | **134** |
| VC-007-SL* | Not | Sampled | | Not | Sampled | | |
| VC-008-SL | **329** | ***92*** | <MDL | 6 | ***1042*** | <MDL | **371** |
| VC-009-SW* | Not | Sampled | | Not | Sampled | | |
| EPA Soil *** (Ref. 14) | ----- | 0.43 | 390 | 550 | ----- | 390 | 5500 |
| NC Soil**** (Ref. 15) | 400 | 4.6 | 78 | 140 | 620 | 78 | ----- |

MDL = Minimum Detection Limit
* Not Sampled due to unsafe conditions onsite
** Background Samples
*** EPA Human-Health Based Soil Screening Levels
**** NC Inactive Hazardous Sites Soil Remediation Goals

### 3.3 Source Area Conclusions

Of the five source areas sampled by NC Superfund personnel, four contained levels of lead and/or arsenic above the EPA human-health based soil screening and the NC Inactive Hazardous Sites Branch soil remediation goals. The highest levels of lead were detected in the magenta-colored soils located south of the former acid chamber towers (VC-002-SL, 3002 ppm; VC-102-SL, 3361 ppm) and the highest levels of arsenic were found in the soils near the fertilizer mixing area (VC-008-SL, 92 ppm). Samples VC-002-SL and VC-102-SL exhibited TCLP lead concentrations in excess of the hazardous waste limit of 30 ppm thereby indicating a likelihood that the source is leaching into the

groundwater. None of the soils samples contained detectable levels of volatile or semi-volatile organics or pesticides.

Every source sampled exceeded by at least three times the concentrations in the background samples (VC-01-SL & VC-03-SL) for copper, which was undetected, with VC-08-SL having the highest concentration at 1,042 ppm and the only sample to exceed the NC soil remediation limit of 620 ppm. All on site source areas which were sampled exceeded the background samples in barium (detected at 20 ppm) with the highest concentration being VC-102-SL at 441 ppm. Only the magenta colored soil source area samples (VC-02-SL & VC-102-SL) exhibited the presence of selenium, which was not detected in the backgrounds, at 6 ppm and 4 ppm respectively.

## 4.0 GROUNDWATER PATHWAY

### 4.1 Hydrogeologic Setting

The site is located in the Piedmont Blue Ridge Region of the United States. This region is a thick regolith over fractured crystalline and metamorphosed sedimentary rock (Ref. 16). More specifically, the site is located in the Monroe physiographic province of NC which is underlain with a belt of Triassic rocks containing sandstone, shale and other sedimentary rocks. The tuffaceous aquifer, located in the Triassic Basin hydrogeologic unit (Ref. 17, page 26) is the chief aquifer in the area (Ref. 18). No onsite groundwater samples have been collected and no well logs are available on the drinking water wells, so the precise depth to groundwater is not known. Based on the depth to groundwater in the vicinity (Ref. 18, pp. 29 & 37), it is estimated at 120 feet.

### 4.2 Groundwater Targets

The City of Wadesboro operates a municipal water distribution system that supplies water to approximately 6,500 people within four miles of the site. Wadesboro gets their water from City Lake, a surface water body, located approximately 3.5 miles west-southwest of the site (Ref. 19, Fig. 1). The intake is not located in the 15-mile

downstream surface water pathway shown in yellow on Figure 1. No other surface water intakes are located in the 15-mile downstream surface water pathway (Ref. 19).

The nearest private well is located within 200 feet of the lead contaminated, magenta colored soil on the site (Fig. 2). A survey of groundwater use within the 0.25-mile radius of the site was conducted on May 27, 1999 and determined that there were five wells serving 17 residents within the 0.25-mile radius (Ref. 7). Neither the Anson County nor the City of Wadesboro water lines service the area around the site (Ref. 20 & 21, Fig. 1, areas in pink do not have city or county water lines). No community wells were located within the four-mile radius of the site (Ref. 19) and there are currently no wellhead protection areas within the four-mile radius of the site (Ref. 22).

Using Figure 1, and References 20 and 21, a house count was performed on the Wadesboro topographic map for houses located within a four-mile radius of the site. A summary of the results of this count is listed in Table 3. Areas served by municipal water lines were not counted and are indicated in pink of Figure 1. The total number of houses counted was multiplied by 2.71, the 1990 US Census data average for the number of persons per household in Anson County (Ref. 23). The total population estimated to use groundwater as their primary source of drinking water within a four-mile radius of the site is 137. This assumes that those houses that have access to either city or county water lines are no longer using groundwater.

**Table 3**
**Groundwater Population Distribution**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Distance (Miles) | Total Groundwater Population (a) | Cumulative Groundwater Population |
|---|---|---|
| 0 - 0.25 | 17 | 17 |
| 0.25 – 0.50 | 11 | 28 |
| 0.50 – 1.0 | 30 | 58 |
| 1.0 – 2.0 | 46 | 104 |
| 2.0 – 3.0 | 6 | 110 |
| 3.0 – 4.0 | 27 | 137 |

(a) Based on the topographic map house count, multiplied by 2.71, the 1990 US Census average for Anson County (Ref. 23).

### 4.3 Groundwater Pathway Sample Locations and Analytical Results

A list of the five wells in use and a background well is provided in Table 4 and the locations are identified on Figure 5. Well depth and installation records are not available for any of the wells sampled. All sampling was conducted by NC Superfund Section personnel according to section SOPs and US EPA Region IV, "Environmental Investigations Standard Operating Procedures and Quality Assurance Manual", May 1996. Samples were preserved according to the SOP and placed on ice in the field and were submitted to the NC State Laboratory of Public Health on June 27, 1999. All samples were analyzed for metals, nutrients, volatiles, semi-volatiles and pesticides (Appendix A).

No volatile or semi-volatile organics, metals or pesticides were detected in the groundwater samples. The only compounds analyzed for that were detected above the minimum detection levels were nitrate-nitrogen and sulfate. Table 5 summarizes these results. Neither the nitrate nor the sulfate exceeded the NC Drinking Water standards of 10 ppm for nitrate-nitrogen and 250 ppm for sulfate (Ref. 24).

**Table 4**
**Supply Well Sample Locations**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Sample ID | Location | Type | Analysis |
|---|---|---|---|
| VC-001-PW | Rt. 2, Box 10 | Drinking Water | V,SV,N,M,P |
| VC-002-PW | Rt. 2, Box 9 | Drinking Water | V,SV,N,M,P |
| VC-003-PW | Rt. 2, Box 9 | Drinking Water (Nearest Well) | V,SV,N,M,P |
| VC-103-PW (Duplicate) | Rt. 2, Box 9 | Drinking Water (Nearest Well) | V,SV,N,M,P |
| VC-004-PW | Rt. 2, Box 8 | Drinking Water | V,SV,N,M,P |
| VC-005-PW | Rt. 2, Box 8 | Drinking Water | V,SV,N,M,P |
| VC-006-PW | PO Box 1045 | Drinking Water (Background) | V,SV,N,M,P |

V = Volatiles; SV = Semi-Volatiles; N = Nutrients; M = Metals; P = Pesticides

**Table 5**
**Supply Well Nutrient Analytical Results**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

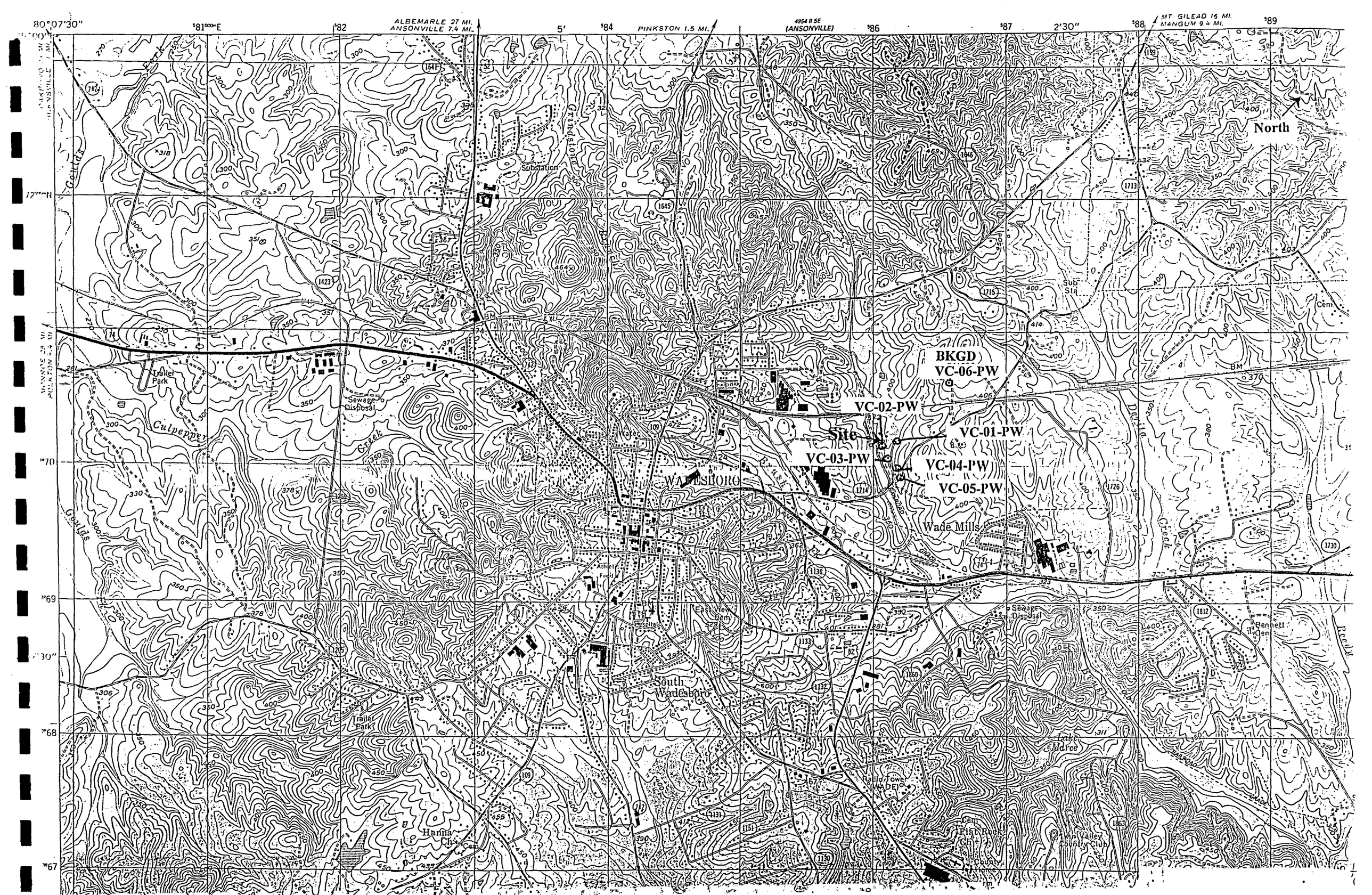
| Sample ID | Nitrate (N) (ppm) | Sulfate (S) (ppm) | NC Groundwater Std (Ref. 24) N / S (ppm) |
|---|---|---|---|
| VC-001-PW | 4.12 | **85** | 10 / 250 |
| VC-002-PW | 3.43 | **48** | 10 / 250 |
| VC-003-PW | 1.03 | **9** | 10 / 250 |
| VC-103-PW (Duplicate) | 1.04 | **9** | 10 / 250 |
| VC-004-PW | MDL | **6** | 10 / 250 |
| VC-005-PW | MDL | **9** | 10 / 250 |
| VC-006-PW* | 2.16 | MDL | 50 |

MDL: nutrient concentration was below the analytical minimum detection limit
* Background well

### 4.4 Groundwater Pathway Conclusions

Based on the analytical results, there is no evidence indicating that the metals detected in the source areas have contaminated the nearby residences potable wells. All wells

sampled failed to detect any of the analyzed volatile or semi-volatile organic compounds, pesticides and inorganic compounds above detection limits or background concentrations. All wells sampled indicated sulfate concentrations above background levels (not detected) with the highest levels being the two wells (VC-01-PW & VC-02-PW) located closest to the fertilizer mixing and storage area.


80°07'30"
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ANSONVILLE 7.4 MI.
PINKSTON 1.5 MI.
4954 II SE
(ANSONVILLE)
MT GILEAD 15 MI.
MANGUM 9.4 MI.
North
BKGD
VC-06-PW
VC-02-PW
Site
VC-01-PW
VC-03-PW
VC-04-PW
VC-05-PW
WADESBORO
Wade Mills
Substation
Trailer Park
Sewage Disposal
Culpepper Creek
Goulds
Gattis
Grimesland
Water
Athletic Field
East View Cem
South Wadesboro
Hanna Ch
Cem
Lake Adree
Radio Tower
WADE
Flat Rock Ch
County Home
Valley County Club
Bennett Cem
Sub Sta
Cem
Deep Creek
Reedy
Creek

## 5.0 SURFACEWATER PATHWAY

### 5.1 Hydrologic Setting

All of the source areas at the site are located outside of the 500-year floodplain (Ref. 25). The 2-year, 24-hour rainfall near the site averages 3.75 inches (Ref. 2). The site is located in a wooded area with raised railroad beds on three sides. There are two main PPEs (Fig. 3). The northern PPE drains the area of the old fertilizer mixing warehouse and drains into a nearby-unnamed tributary of Brush Fork Creek. The southern PPE drains the area of the magenta colored soil. Water from this area flows alongside the former railroad bed and underneath Stanback Ferry Road to a westerly flowing unnamed tributary which flows into Brush Fork Creek. Water flows from the Brush Fork Creek into Bailey Creek and then into Jones Creek. Brush Fork Creek is a minimal stream with a flow of approximately 1 cubic foot per second (Ref. 30). The 15-mile surface water pathway ends in Jones Creek approximately 0.5 miles west of where Jones Creek crosses under NC Hwy 145.

### 5.2 Surface Water Targets

There are no surface water intakes located downstream of the site within the 15-mile surface water pathway. Brush Fork, Bailey and Jones Creeks are all classified as Class C Waters, which are classified by the state to be protected for aquatic life propagation and survival, fishing, wildlife, secondary recreation and agriculture (Ref. 32). The North Fork of Jones Creek is listed on the 1998 NC 303(d) List (Ref. 31) for not meeting or maintaining water quality standards due to sedimentation from non-point sources along the creek.

According to the NC Wildlife Resource Commission, there are no designated fisheries along the 15-mile surface water pathway (Ref. 33), but Bailey and Jones Creeks are suitable for aquatic life propagation and survival at approximately 3.43 miles downstream of the site (Ref. 34).

No federal or state designated endangered or threatened animal or plant species were identified by the Natural Heritage Program (Ref. 26) to be located along the 15-mile

surface water pathway. Plant species, *Sedum pusillum* (B1, 2,3,5) and *Minuartua unifora* (B4), which are classified as endangered in NC and critical imperiled (NC-E, S1), respectively, were identified to be located within the four-mile radius of the site (See Fig. 1).

The nearest HRS listed wetland is located approximately 1.1 miles downstream of the site in Brush Fork Creek (Fig. 6). Within four miles of the site, there are approximately 4.5 miles of wetland frontage along the 15-mile surface water pathway (Ref. 29). Based upon the data collected, there was no evidence that the surface water pathway had been contaminated; therefore, the wetland frontage was not accounted for beyond a four-mile radius of the site.

### 5.3 Surface Water Pathway Sampling Locations and Analytical Results

Surface water, sediment and soil samples were collected in the overland flow pathways in order to determine if an observed release had occurred from the site and to determine the potential threat of the site on the surrounding environment. Table 6 identifies the locations of these samples, analytes and the matrix type of each sample.

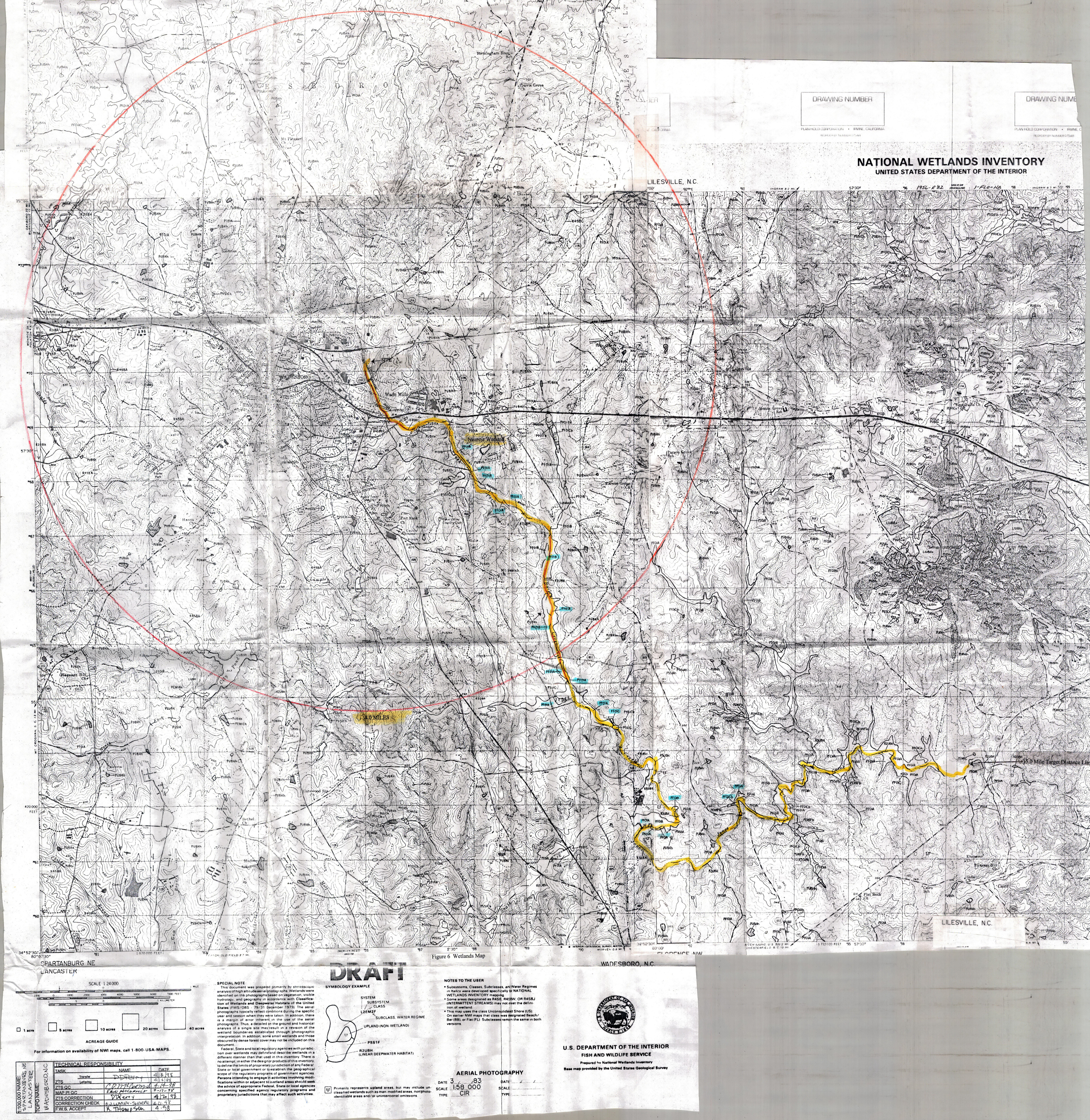


Figure 6 Wetlands Map

**Table 6**
**Surface Water Pathway Sample Locations**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Sample ID | Location | Matrix | Analytes |
|---|---|---|---|
| VC-005-SL | Overland Flow of Southern PPE | Soil | V,SV,M,P |
| VC-001-SW | Background, Northern PPE | Water | V,SV,M,P |
| VC-002-SW | Northern PPE | Water | V,SV,M,P |
| VC-003-SW | Upstream of Stanback Ferry Rd. | Water | V,SV,M,P |
| VC-004-SW | Background, Southern PPE | Water | V,SV,M,P |
| VC-005-SW | Southern PPE | Water | V,SV,M,P |
| VC-007-SW | Downstream of confluence of unnamed stream and Bushy Fork Cr. | Water | V,SV,M,P |
| VC-001-SD | Background, Northern PPE | Sediment | V,SV,M,P |
| VC-002-SD | Northern PPE | Sediment | V,SV,M,P |
| VC-003-SD | Upstream of Stanback Ferry Rd, Northern PPE | Sediment | V,SV,M,P |
| VC-004-SD | Background, Southern PPE | Sediment | V,SV,M,P |
| VC-005-SD | Southern PPE | Sediment | V,SV,M,P |
| VC-006-SD* | Overland Flow, Southern PPE, North of Stanback Rd. | Soil | V,SV,M,P |
| VC-007-SD | Downstream of confluence of unnamed stream and Bushy Fork Cr. | Sediment | V,SV,M,P |

V = Volatiles; SV = Semi-Volatiles; M = Metals; P = Pesticides
* Labeled as a sediment sample, but the pathway was completely dry.

All sampling was conducted by NC Superfund Section personnel according to section SOPs and US EPA Region IV, "Environmental Investigations Standard Operating Procedures and Quality Assurance Manual", May 1996. Samples were placed on ice in the field and were submitted to the NC State Laboratory of Public Health on June 27,1999. All samples were analyzed for metals, volatiles, semi-volatiles and pesticides (Appendix A).

Analytical results can be found in Appendix A. There were no detectable levels of volatiles, semi-volatiles or pesticides in any of the samples. Of all surface water pathway

samples, only VC-006-SD had detectable levels of metals. The VC-006-SD sample was collected approximately 50 feet north of Stanback Ferry Rd in the overland flow pathway of the southern PPE and downstream of the former auto repair shop, owned by Mr. Clark, which had recently burned. VC-006-SD results indicated the presence of lead (550 ppm), arsenic (22 ppm), copper (106 ppm), barium (76 ppm), chromium (18 ppm) and vanadium (22 ppm). Both lead and arsenic are above either the US EPA human health-based soil screening (lead--NA, arsenic - 0.43 ppm; Ref. 14) or the NC soil remediation goal (lead - 400ppm, arsenic – 4.6 ppm; Ref. 15) levels. The chromium and copper concentrations were three times the soil background samples (VC-01-SL & VC-03-SL).

### 5.4 Surface Water Pathway Conclusions

While samples taken above and below VC-006-SD did not indicate any detectable levels of lead or arsenic, the thick layer of vegetative material made it very difficult to access these samples and may have prevented reaching areas of contaminated soil. It appears that source materials have migrated at least to this point; however, no observed release to the surface water pathway has been documented.

## 6.0 SOIL EXPOSURE AND AIR PATHWAYS

### 6.1 Physical Conditions

The site consists of an approximately 11-acre parcel where a former fertilizer manufacturing facility operated from 1911 until approximately 1945. The site consisted of several small buildings, a large warehouse, a 100,000-gallon reservoir and two large acid chamber towers holding approximately six acid chambers. The floor of the warehouse, four of the small buildings, the 100,000-gallon reservoir and the support structure of the acid chamber towers are all that remain at the site. Most of the facility equipment has been removed from the site. There are currently no operations occurring at the site. An area of approximately 1,200 square feet within 200 feet of the Tyson residence housing two adults and two small children (1 and 6 years of age) does not support vegetation.

There are no surface caps on any of the identified source areas. The property is unfenced, but there is a gate preventing access by vehicles from the access road off of Stanback Ferry Road. During the May 27, 1999 sampling trip, the gate showed evidence of having been broken through by a large vehicle and was incapable of being locked.

### 6.2 Soil and Air Targets

The site is currently abandoned and the structures remaining on-site are not in use. There are no day care centers or schools located on or within 200 feet of any of the source areas. The nearest residence, Bunyon Tyson with four residents, is within 200 feet of the magenta-colored, soil source area. Based on Statistics provided by the North Carolina Center for Geographic Information and Analyses, a total of 10,617 people live within a 4.0-mile radius of the site (Ref. 28). The population distribution within the 4.0-mile radius is summarized in Table 7.

**Table 7**
**Residential Population Within a 4.0 Mile Radius**
**VCC-Wadesboro**
**Wadesboro, Anson County, NC**
**NCSFN 0406 924**

| Distance (Miles) | Population | Cumulative Population |
|---|---|---|
| 0 – 0.25 | 17* | 17* |
| 0.25 – 0.5 | 163 | 180 |
| 0.5 – 1.0 | 856 | 1036 |
| 1.0 – 2.0 | 2,571 | 3607 |
| 2.0 – 3.0 | 4,623 | 8230 |
| 3.0 – 4.0 | 2,262 | 10492 |

*Based upon an actual survey of the houses in the area.

There are no endangered or threatened animal or plant species identified by the NC Natural Heritage Program located on or within 200 feet of the source areas (Fig. 1). The nearest wetland is located approximately 3,000 feet from the site on the unnamed tributary of Brush Fork Creek (Ref. 29, Fig. 6).

### 6.3 Soil Sample Locations and Analytical Results

During the July 26, 1999 NC Superfund Section PA/SI, soil samples were collected from the suspected source areas: the magenta-colored stained soils down gradient from the acid chambers (VC-002-SL, VC-102-SL); pyrite storage area (VC-006-SL); fertilizer mixing area (VC-008-SL); overland flow pathway up gradient from the former pole storage area (VC-005-SL); up gradient of the area of the former pole storage area so as to minimize the potential contamination from the recent fire that had occurred at the small auto repair business that occupied the site (VC-004-SL) and two background samples (VC-001-SL and VC-003-SL).

The analysis of the soil samples revealed that all three of the source samples and the overland flow pathway for the southern PPE contained either lead and/or arsenic above the EPA human-health based soil screening and the NC Inactive Hazardous Sites Branch Soil Remediation Goals (Ref. 14, 15). None of the soil samples exhibited volatile, semi-

volatile or pesticide residues above minimum detection limits or background. Results of the inorganic analysis are summarized in Table 2, Source Area Samples.

### 6.4 Air Monitoring

No formal air monitoring has been conducted at the site. During the July 1999 PA/SI, a Mini-Rae photoionization detector was used to monitor the air quality during the sampling activities. No ambient air readings above background levels were detected with this monitor. During the site reconnaissance and sampling visits to the site, no blowing dust or odors were observed at any of the source areas. Due to these findings, the air pathway was not evaluated for potential threats to environmental target greater than a quarter mile from the site.

### 6.5 Soil and Air Pathway Conclusions

The site is currently abandoned and within 200 feet of the magenta-colored source area is the Bunyon Tyson property. Mr. Tyson lives with his wife and two small children, one and six years of age. There are no other targets, including endangered animals or plants, within 200 feet of the sources identified by the July 26, 1999 NC Superfund Section SI. The site is unfenced and the gate to the access road from Stanback Ferry Road has been breached. There is evidence that individuals have been trespassing on the property. There is a small household waste dumpsite and some beverage containers near the magenta-colored, soil source area.

## 7.0 SUMMARY AND CONCLUSIONS

The Virginia Carolina Chemical Company facility located in Wadesboro, Anson County, North Carolina was a fertilizer manufacturing facility that operated for approximately 35 years, from 1911 to 1945. The facility used a process in which sulfuric acid was mixed with pyrite ores in lead lined chambers. A byproduct of the process was a lead containing wash. Investigations at other VCC sites and other facilities utilizing this process have indicated that such facilities have a high potential for lead contamination of the surrounding soils and potentially the surface and ground waters.

In December 1998 and May 1999, the NC Superfund Section conducted site inspections to determine the potential impacts that the VCC-Wadesboro site had on both the human health of the nearby residents and the surrounding environment. In June 1999, the NC Superfund Section received permission from the US EPA to conduct a PA/SI sampling of the site, which was done on July 26,1999. Three main source areas were identified and sampled; (1) the area of soil between the large fire reservoir and the former fertilizer mixing and storage warehouse, (2) the pyrite storage area and (3) a large area, approximately 1,200 square feet, of magenta colored soils.

The analytical results of the samples collected indicate that the on-site soils are contaminated with lead (VC-002-SL, 3002 ppm; VC-102-SL, 3361 ppm; VC-006-SL, 591 ppm; VC-008-SL, 392 ppm) and arsenic (VC-002-SL, 32 ppm; VC-102-SL, 30 ppm; VC-006-SL, 12 ppm VC-008-SL, 92 ppm) above the EPA human-health based soil screening (lead -- NA, arsenic -- 0.43 ppm), NC Inactive Hazardous Sites soil remediation goals (lead – 400 ppm, arsenic – 4.6 ppm) and background concentrations (lead – 8 ppm; arsenic -- Minimum Detection Limit, MDL). All samples exceeded three times the concentrations in the background sample (VC-001-SL and VC-003-SL) concentrations for copper (MDL), selenium (MDL), arsenic (MDL) and barium (20 ppm). Sample VC-006-SD, a soil sample collected in the surface water overland flow pathway, was the only sample in the surface water pathway to exhibit elevated lead (550 ppm) and arsenic (22 ppm) levels above the EPA and NC Inactive Hazardous Sites Branch benchmarks. Soil and sediment samples did not indicate the presence of any

volatile and semi-volatile organic compounds or pesticides above any benchmarks or background concentrations.

All surface water and potable well samples did not indicate the presence of any volatile and semi-volatile organic compounds, metals or pesticides above any benchmarks or background concentrations. All potable wells sampled (VC-001-PW, VC-002-PW, VC-003-PW, VC-103-PW, VC-004-PW, VC-005-PW) exceeded the background sample (VC-06-PW) concentration for sulfate which was not detected. VC-001-PW and VC-002-PW had sulfate concentrations of 85 ppm and 48 ppm respectively. The remaining wells had an average concentration of 9 ppm sulfate.

There has been no observed release to the surface water pathway, although there are indications that contaminated soils are migrating along the overland flow pathway. There seems to be an observed release of sulfates to the drinking water wells, but none of the wells sampled are above groundwater or drinking water standards. There is a potential soil exposure risk to nearby residents and a potential to release site contaminants to groundwater that is currently being addressed by the ERRB. At this time, the results of the ERRB sampling event in December 1999 are not available. Based upon the integrated PA/SI results, the NC Superfund Section recommends that the site be assigned a disposition of "No Further Remedial Action Planned (NFRAP)" under CERCLA. However, because the levels of contamination in the surface soils exceed the federal health-based benchmarks for human exposure and the NC soil remediation goals, the owners or developers of the property should address the contamination before siting residences on the site or allowing access to the source areas by the public.

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PHOTOGRAPHS

Photo #3

Photo #2

Photo #4

VC Chemical Wadesboro Site Screening -- 12/17/98
Photo #1 Looking north toward former acid chambers

VCC-Wadesboro Site Screening 5/27/99.

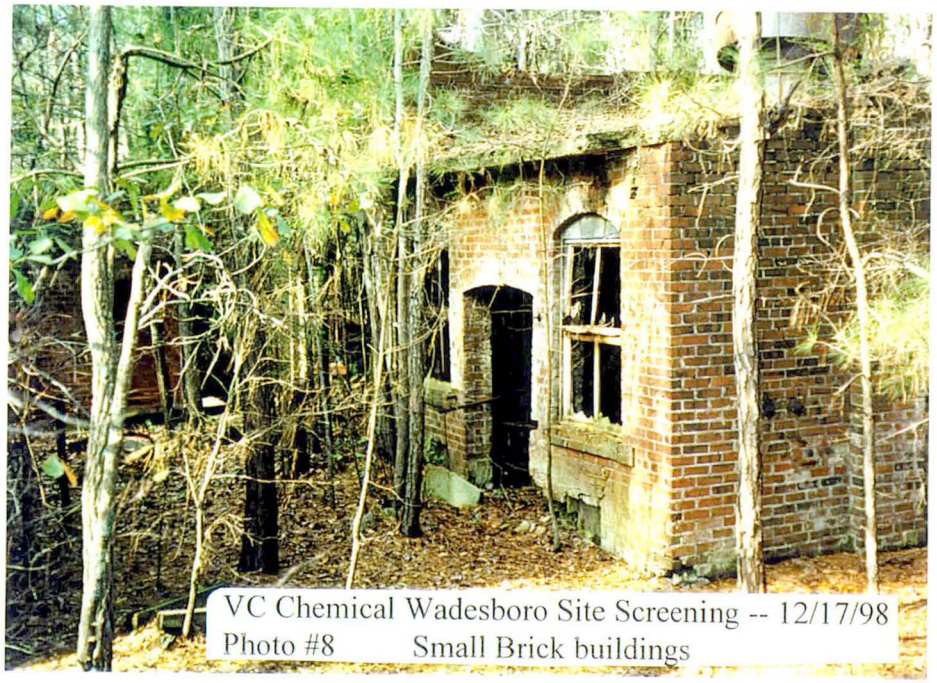
Photo #4 Crumbling remains of the 30 foot railroad bed retaining wall.

VCC-Wadesboro Site Screening 5/27/99.

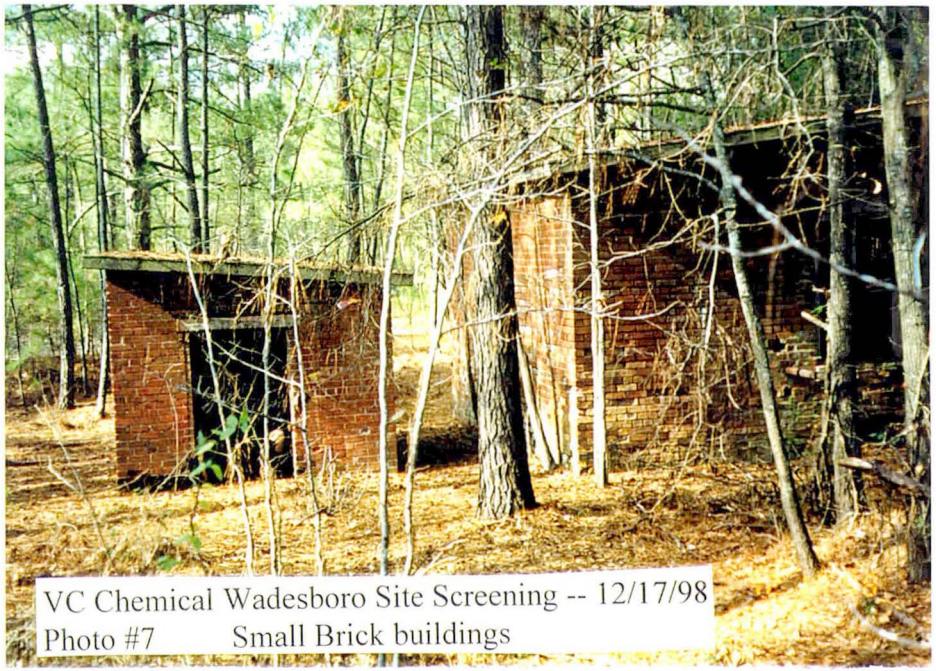
Photo #3 Interior of one of the small buildings.

VCC-Wadesboro Site Screening 5-27-99.

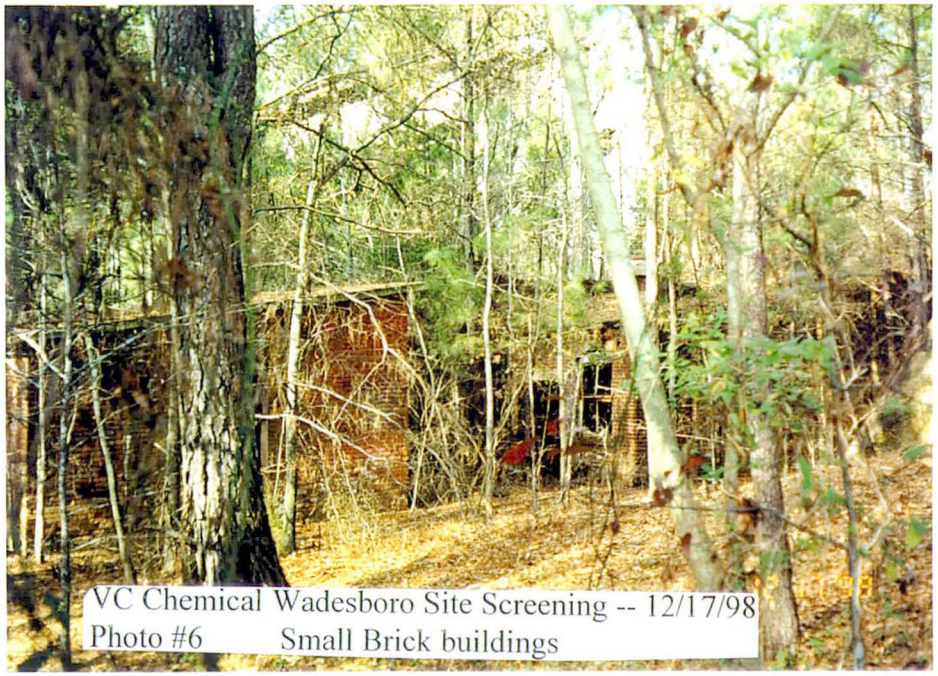
Photo #2 Interior of one of the samll buildings.



VC Chemical Wadesboro Site Screening -- 12/17/98
Photo #8 Small Brick buildings



VC Chemical Wadesboro Site Screening -- 12/17/98
Photo #7 Small Brick buildings



VC Chemical Wadesboro Site Screening -- 12/17/98
Photo #6 Small Brick buildings

Photo #5

VCC-Wadesboro Site Screening 5/27/99.

Photo #5 100,000 gallon water reservoir.

Photo #12

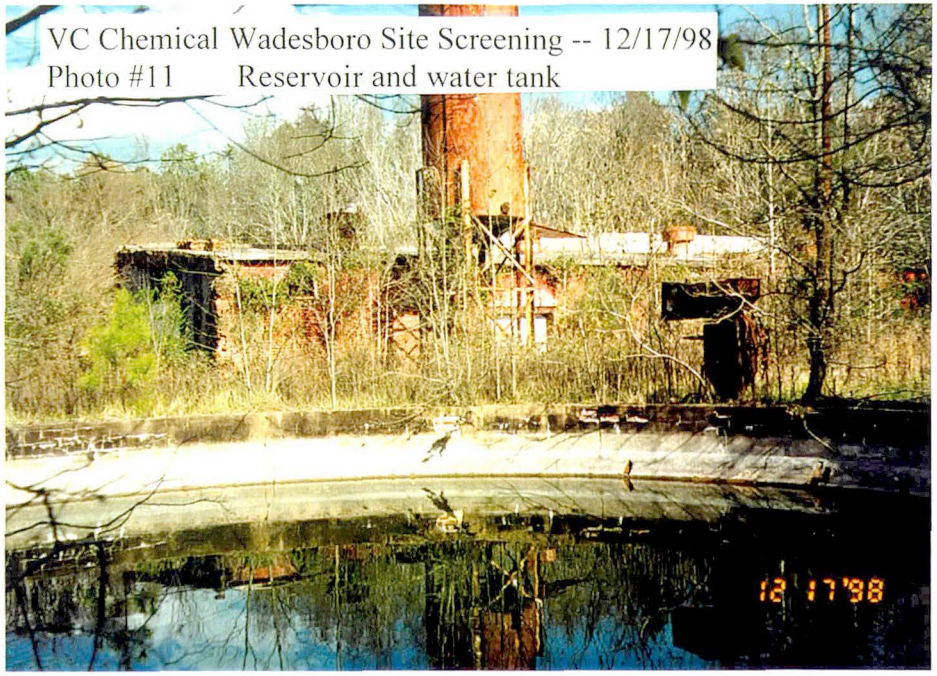

VC Chemical Wadesboro Site Screening -- 12/17/98
Photo #11 Reservoir and water tank
12 17'98

Photo #10

Photo #9

VCC-Wadesboro PA/SI Sampling 7/26/99.

Photo #10 VCC-006-SL. Soil sample from the pyrite storage area.

VCC-Wadesboro PA/SI Sampling 7/26/99.

Photo #9 VCC-008-SL. Soil sample in the denuded area near the fire reservoir.

VCC-Wadesboro PA/SI Sampling 7/26/99.

Photo #12 1200 square foot magenta colored soil source area.

Photo #13

VCC-Wadesboro PA/SI Sampling 7/26/99.

Photo #13 Close up of the magenta colored soils. VCC-002-SL & VCC-102-SL.

APPENDICIES

NCDEHNR
Division of Waste Management
☒ Superfund Section
☐ Hazardous Waste Section
☐ Solid Waste Section

Organics Lab: X
Inorganics Lab: ____

# CHAIN OF CUSTODY RECORD

Project Name: VC Wadesboro
Site ID # (NCD#) NCD FND 406 924
Location: Wadesboro, Anson Co. NC
Address: Stinback Ferry Rd.

Sampled By: S. Ryals
Sampler ID ____
Telephone: ( ) 733-2801 x316
Date Sampled: 7/26-7/27/99
Time Sampled: ____

Sample Types: Soil X Water X Waste ____ Other ____

Remarks:

| | | |
|---|---|---|
| VLW-80 | VLW-85 | VLW-90 |
| VLW-82 | VLW-87 | VLW-93 |
| VLW-83 | VLW-88 | VLW-94 |
| VLW-84 | VLW-89 | VLW-96 |

Field Sample Numbers

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| VLW-01 | VLW-10 | VLW-21 | VLW-30 | VLW-41 | VLW-50 | VLW-59 | VLW-66 | VLW-73 |
| VLW-02 | VLW-13 | VLW-22 | VLW-33 | VLW-42 | VLW-53 | VLW-60 | VLW-67 | VLW-74 |
| VLW-05 | VLW-14 | VLW-25 | VLW-34 | VLW-45 | VLW-54 | VLW-62 | VLW-68 | VLW-76 |
| VLW-06 | VLW-17 | VLW-26 | VLW-37 | VLW-46 | VLW-56 | VLW-63 | VLW-70 | VLW-77 |
| VLW-09 | VLW-18 | VLW-29 | VLW-38 | VLW-49 | VLW-57 | VLW-65 | VLW-71 | VLW-79 |

Relinquished By: Scott C. Ryals (Signature) Date: 7/27/99 Time: 14:05

Received By: Nancy J. Jones (Signature) Date: 7-27-99 Time: 2:05

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Relinquished By: ____ (Signature) Date: ____ Time: ____

Received By: ____ (Signature) Date: ____ Time: ____

Results Reported: John L. Neal (Signature) Date: 8-16-99 Time: ____

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Numbe VC-001-PW 07/26/99 1535 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP EXT ORG Ground Water
VCW-02 4

Name of Site Virginia Carolina Chemical

Collected By ____

Site Location Wadesboro, NC

Date Collected ____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-2-99 BLO

Reported By ____

Date Reported ____

Lab Number 992470

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Numb VC-002-PW 07/26/99 1605 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
ORG-CLP EXT ORG Ground Water
VCW-06 13

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 Km

Date Analyzed 8-2-99 BO

Reported By

Date Reported

Lab Number 992471

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-003-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS
POTABLE WELL
Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Ground Water
VCW-10 22
Site Location Wadesboro, NC Date Collected Time

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999
Date Extracted BNA 7-29-99 KM
Date Analyzed 8-2-99 BD
Reported By
Date Reported
Lab Number 992472

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Number/N VC-103-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP EXT ORG Ground Water
VCW-90 206

Name of Site Virginia Carolina Chemical

Collected By _____

Site Location Wadesboro, NC

Date Collected _____

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-2-99 BD

Reported By _____

Date Reported _____

Lab Number 992473

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Number/N VC-004-PW 07/26/99 1646 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP EXT ORG Ground Water
VCW-14 31

Name of Site Virginia Carolina Chemical

Collected By

Site Location Wadesboro, NC

Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-2-99 BD

Reported By

Date Reported

Lab Number 992474

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-005-PW 07/26/99 1713 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP EXT ORG Ground Water
VCW-18 40

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-2-99 BD

Reported By

Date Reported

Lab Number 992475

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Number VC-006-PW 07/26/99 1650 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By ____ POTABLE WELL ORG-CLP EXT ORG Ground Water 49

Site Location Wadesboro, NC

Date Collected ____ VCW-22

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-2-99 BQ

Reported By

Date Reported

Lab Number 992476

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-001-SW 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Wadesboro, NC Date Collected ____ ORG-CLP VCW-54 EXT ORG Surface Water 122

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-3-99 BD

Reported By ____

Date Reported ____

Lab Number 992477

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-002-SW 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

ORG-CLP EXT ORG Surface Water

Site Location Wadesboro, NC Date Collected VCW-57 129

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-3-99 BQ

Reported By

Date Reported

Lab Number 992478

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-003-SW 07/26/99 1320 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Wadesboro, NC Date Collected ____ ORG-CLP VCW-60 EXT ORG Surface Water 136

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-3-99 BO

Reported By ____

Date Reported ____

Lab Number 992479

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Number VC-004-SW 07/26/99 1200 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By ____

ORG-CLP EXT ORG Surface Water
VCW-63 143

Site Location Wadesboro, NC

Date Collected ____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-29-99 KM

Date Analyzed 8-3-99 BQ

Reported By ____

Date Reported ____

Lab Number 992480

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/l VC-005-SW 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____ ORG-CLP EXT ORG Surface Water

Site Location Wadesboro, NC Date Collected ____ VCW-66 150

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-30-99 KM

Date Analyzed 8-3-99 BD

Reported By ____

Date Reported ____

Lab Number 992481

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Numbe VC-007-SW 07/26/99 1120 GRAB
VC072699, NC S. RYALS
SURFACE WATER
ORG-CLP EXT ORG Surface Water
VCW-68 157

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ F&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 7-30-99 KM

Date Analyzed 8-3-99 BD

Reported By

Date Reported

Lab Number 992482

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-001-SL 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Soil
VCW-26 57

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BMA 8-4-99 KM

Date Analyzed 8-5-99 BLO

Reported By

Date Reported

Lab Number 992483

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-002-SL 07/26/99 1305 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Soil
VCW-30 65

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BW

Reported By

Date Reported

Lab Number 992484

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-102-SL 07/26/99 1305 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP EXT ORG Soil
VCW-94 214

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BD

Reported By

Date Reported

Lab Number 992485

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-003-SL 07/26/99 ____ GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____ ORG-CLP EXT ORG Soil

Site Location Wadesboro, NC Date Collected VCW-34 74

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BD

Reported By ____

Date Reported ____

Lab Number 992486

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FND 406 924 Sample ID Number/Na VC-004-SL 07/26/99 1345 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Soil
VCW-38 89

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BO

Reported By

Date Reported

Lab Number 992487

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/1 VC-005-SL 07/26/99 1515 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____

ORG-CLP EXT ORG Soil
VCW-42 97

Site Location Wadesboro, NC Date Collected _____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 km

Date Analyzed 8-5-99 BD

Reported By _____

Date Reported _____

Lab Number 992488

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-006-SL 07/26/99 1318 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____ ORG-CLP EXT ORG Soil
VCW-46 105

Site Location Wadesboro, NC Date Collected _____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BZD

Reported By _____

Date Reported _____

Lab Number 992489

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FND 406 924 Sample ID Numb VC-008-SL 07/26/99 1240 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Soil

Site Location Wadesboro, NC Date Collected VCW-50 113

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8 4 99 LM

Date Analyzed 8-5-99 BW

Reported By

Date Reported

Lab Number 992490

DHS 3191 (Revised 12/93)

NC Department of Environment,
Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-001-SD 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Wadesboro, NC Date Collected ____ ORG-CLP EXT ORG Sediment
VCW-71 163

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-4-99 KM

Date Analyzed 8-5-99 BD

Reported By ____

Date Reported ____

Lab Number 992491

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/I VC-002-SD 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP EXT ORG Sediment
VCW-74 169

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BMA 8-6-99 KM

Date Analyzed 8-9-99 BLC

Reported By

Date Reported

Lab Number 992492

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-003-SD 07/26/99 1335 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VCW-77 EXT ORG Sediment 176

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-6-99 KM

Date Analyzed 8-9-99 BW

Reported By

Date Reported

Lab Number 992493

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-004-SD 07/26/99 1200 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____
ORG-CLP EXT ORG Sediment

Site Location Wadesboro, NC Date Collected VCW-80 182

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-6-99 VM

Date Analyzed 8-9-99 BD

Reported By _____

Date Reported _____

Lab Number 992494

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/I VC-005-SD 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

ORG-CLP EXT ORG Sediment
VCW-83 187

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-6-99 km

Date Analyzed 8-9-99 BD

Reported By

Date Reported

Lab Number 992495

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FND 406 924 Sample ID Number/N VC-006-SD 07/26/99 1445 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

ORG-CLP EXT ORG Sediment
VCW-85 193

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8 6-99KM

Date Analyzed 8-9-99 BD

Reported By

Date Reported

Lab Number 992496

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/I VC-007-SD 07/26/99 1120 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____ ORG-CLP EXT ORG Sediment

Site Location Wadesboro, NC Date Collected _____ VCW-88 199

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ✓ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted BNA 8-6-99 KM

Date Analyzed 8-9-99 BD

Reported By _____

Date Reported _____

Lab Number 992497

DHS 3191 (Revised 12/93)

(1)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992470 | 992471 | 992472 | 992473 | 992474 | 992475 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-001-PW | VC-002-PW | VC-003-PW | VC-103-PW | VC-004-PW | VC-005-PW |
| COMPOUND | TYPE | (1) | (1) | (1) | (1) | (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~~ |
| nitrosodimethylamine | 10/330 | U | U | U | U | U | U |
| bis(2-chloroethyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| enol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 3-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,4-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| s(2-chloroisopropyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| hexachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nitroso-di-n-propylamine | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| trobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| isophorone | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-nitrophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-dimethylphenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| s(2-chloroethoxy)methane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-dichlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-trichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| aphthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| hexachlorobutadiene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| chloro-m-cresol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| exachlorocyclopentadiene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4,6-trichlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chloronaphthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cenaphthylene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| imethyl phthalate | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,6-dinitrotoluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cenaphthene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-dinitrophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-dinitrotoluene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nitrophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| uorene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-chlorophenylphenylether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| diethyl phthalate | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 6-dinitro-o-cresol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| phenylamine | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| azobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| bromophenylphenylether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| exachlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| pentachlorophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| phenanthrene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nthracene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| dibutyl phthalate | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| fluoranthene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| | MDL $H_2O$/SOIL | | | | | | |

J - Estimated value.
K - Actual value is known to be less than value given.
- Actual value is known to be greater than value given.
- 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.

(2)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992470 | 992471 | 992472 | 992473 | 992474 | 992475 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-001-PW | VC-002-PW | VC-003-PW | VC-103-PW | VC-004-PW | VC-005-PW |
| COMPOUND | TYPE | (1) | (1) | (1) | (1) | (1) | (1) |
| | UNITS | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ |
| pyrene | 10/330 | U | U | U | U | 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 | | | | | | |
| di-n-octyl phthalate | 10/330 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | | |

MDL
$H_2O$/50 l

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.

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

(3)

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992476 | 992477 | 992478 | 992479 | 992480 | 992481 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-006-AW | VC-001-SW | VC-002-SW | VC-003-SW | VC-004-SW | VC-005-SW |
| COMPOUND | TYPE | (1) | (2) | (2) | (2) | (2) | (2) |
| | UNITS | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ |
| nitrosodimethylamine | 10/330 | U | U | U | U | U | U |
| bis(2-chloroethyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chlorophenol | | | | | | | |
| enol | | | | | | | |
| 1,3-dichlorobenzene | | | | | | | |
| 1,4-dichlorobenzene | | | | | | | |
| 2-dichlorobenzene | | | | | | | |
| s(2-chloroisopropyl)ether | | | | | | | |
| hexachloroethane | | | | | | | |
| -nitroso-di-n-propylamine | | | | | | | |
| trobenzene | | | | | | | |
| isophorone | | | | | | | |
| 2-nitrophenol | | | | | | | |
| 4-dimethylphenol | | | | | | | |
| is(2-chloroethoxy)methane | | | | | | | |
| 2,4-dichlorophenol | | | | | | | |
| 2,4-trichlorobenzene | | | | | | | |
| aphthalene | | | | | | | |
| hexachlorobutadiene | | | | | | | |
| -chloro-m-cresol | | | | | | | |
| exachlorocyclopentadiene | | | | | | | |
| 2,4,6-trichlorophenol | | | | | | | |
| 2-chloronaphthalene | | | | | | | |
| cenaphthylene | | | | | | | |
| imethyl phthalate | | | | | | | |
| 2,6-dinitrotoluene | | | | | | | |
| cenaphthene | ↓ | | | | | | |
| 4-dinitrophenol | 50/1650 | | | | | | |
| 2,4-dinitrotoluene | 10/330 | | | | | | |
| -nitrophenol | 50/1650 | | | | | | |
| luorene | 10/330 | | | | | | |
| 4-chlorophenylphenylether | ↓ | | | | | | |
| diethyl phthalate | | | | | | | |
| 6-dinitro-o-cresol | 50/1650 | | | | | | |
| iphenylamine | 10/330 | | | | | | |
| azobenzene | ↓ | | | | | | |
| -bromophenylphenylether | | | | | | | |
| exachlorobenzene | | | | | | | |
| pentachlorophenol | 50/1650 | | | | | | |
| henanthrene | 10/330 | | | | | | |
| nthracene | ↓ | | | | | | |
| dibutyl phthalate | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| fluoranthene | | | | | | | |
| | MDL $H_2O$/501L | | | | | | |

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

(4)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992476 | 992477 | 992478 | 992479 | 992480 | 992481 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-006-PW | VC-001-SW | VC-002-SW | VC-003-SW | VC-004-SW | VC-005-SW |
| COMPOUND | TYPE | (1) | (2) | (2) | (2) | (2) | (2) |
| | UNITS | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ | µg/l ~~mg/kg~~ |
| pyrene | 10/330 | U | U | U | U | 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 | | | | | | |
| di-n-octyl phthalate | 10/330 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | | |

MDL

$H_2O$/SOIL

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.

(5)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992482 | 992483 | 992484 | 992485 | 992486 | 992487 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-007-SW | VC-001-SL | VC-002-SL | VC-102-SL | VC-003-SL | VC-004-SL |
| COMPOUND | TYPE | (2) | (3) | (3) | (3) | (3) | (3) |
| | UNITS | (µg/l) ~~mg/kg~~ | ~~mg/l~~ (µg/kg) | ~~mg/l~~ (µg/kg) | ~~mg/l~~ (µg/kg) | ~~mg/l~~ (µg/kg) | ~~mg/l~~ (µg/kg) |
| nitrosodimethylamine | 10/330 | u | u | u | u | u | u |
| bis(2-chloroethyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| enol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 3-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,4-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-dichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| s(2-chloroisopropyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| hexachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nitroso-di-n-propylamine | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| trobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| isophorone | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-nitrophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-dimethylphenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| s(2-chloroethoxy)methane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-dichlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-trichlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| phthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| hexachlorobutadiene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| chloro-m-cresol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| exachlorocyclopentadiene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4,6-trichlorophenol | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chloronaphthalene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cenaphthylene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| imethyl phthalate | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,6-dinitrotoluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cenaphthene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-dinitrophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2,4-dinitrotoluene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nitrophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| uorene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 4-chlorophenylphenylether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| diethyl phthalate | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 6-dinitro-o-cresol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| phenylamine | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| azobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| -bromophenylphenylether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| exachlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| pentachlorophenol | 50/1650 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| henanthrene | 10/330 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| nthracene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| dibutyl phthalate | ↓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| fluoranthene | ↓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

MDL
$H_2O$/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
- Actual value is known to be greater than value given.
- 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.

(6)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992482 | 992483 | 992484 | 992485 | 992486 | 992487 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-007-SW | VC-001-SL | VC-002-SL | VC-102-SL | VC-003-SL | VC-004-SL |
| COMPOUND | TYPE | (2) | (3) | (3) | (3) | (3) | (3) |
| | 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 | U | U | 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 | | | | | | |
| di-n-octyl phthalate | 10/330 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | | |

MDL
$H_2O$/SOIL

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.

(7)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992488 | 992489 | 992490 | 992491 | 992492 | 992493 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-005-SL | VC-006-SL | VC-008-SL | VC-001-SD | VC-002-SD | VC-003-SD |
| COMPOUND | TYPE | (3) | (3) | (3) | (4) | (4) | (4) |
| | 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 |
| nitrosodimethylamine | 10/330 | U | U | U | U | U | U |
| bis(2-chloroethyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-chlorophenol | | | | | | | |
| enol | | | | | | | |
| 1,3-dichlorobenzene | | | | | | | |
| 1,4-dichlorobenzene | | | | | | | |
| 2-dichlorobenzene | | | | | | | |
| s(2-chloroisopropyl)ether | | | | | | | |
| hexachloroethane | | | | | | | |
| nitroso-di-n-propylamine | | | | | | | |
| trobenzene | | | | | | | |
| isophorone | | | | | | | |
| 2-nitrophenol | | | | | | | |
| 4-dimethylphenol | | | | | | | |
| bis(2-chloroethoxy)methane | | | | | | | |
| 2,4-dichlorophenol | | | | | | | |
| 2,4-trichlorobenzene | | | | | | | |
| aphthalene | | | | | | | |
| hexachlorobutadiene | | | | | | | |
| chloro-m-cresol | | | | | | | |
| exachlorocyclopentadiene | | | | | | | |
| 2,4,6-trichlorophenol | | | | | | | |
| 2-chloronaphthalene | | | | | | | |
| cenaphthylene | | | | | | | |
| dimethyl phthalate | | | | | | | |
| 2,6-dinitrotoluene | | | | | | | |
| cenaphthene | ↓ | | | | | | |
| 4-dinitrophenol | 50/1650 | | | | | | |
| 2,4-dinitrotoluene | 10/330 | | | | | | |
| nitrophenol | 50/1650 | | | | | | |
| uorene | 10/330 | | | | | | |
| 4-chlorophenylphenylether | ↓ | | | | | | |
| diethyl phthalate | ↓ | | | | | | |
| 6-dinitro-o-cresol | 50/1650 | | | | | | |
| diphenylamine | 10/330 | | | | | | |
| azobenzene | ↓ | | | | | | |
| bromophenylphenylether | ↓ | ↓ | | | | | |
| exachlorobenzene | ↓ | ↓ | | | | | |
| pentachlorophenol | 50/1650 | 1,650 K | | | | | |
| henanthrene | 10/330 | U | | | | | |
| nthracene | ↓ | ↓ | ↓ | | | | |
| dibutyl phthalate | | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| fluoranthene | ↓ | | 667 | | | | |

MDL
$H_2O$/SOIL

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

(8)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992488 | 992489 | 992490 | 992491 | 992492 | 992493 |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-005-SL | VC-006-SL | VC-008-SL | VC-001-SD | VC-002-SD | VC-003-SD |
| COMPOUND | TYPE | (3) | (3) | (3) | (4) | (4) | (4) |
| | 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 | 667 | u | u | u | u |
| benzidine | 50/1650 | | u | | | | |
| butyl benzyl phthalate | 10/330 | | u | | | | |
| benz(a)anthracene | | | 333 | | | | |
| chrysene | | | 333 | | | | |
| 3,3-dichlorobenzidine | 50/1650 | | u | | | | |
| bis(2-ethylhexyl)phthalate | 10/330 | | | | | | |
| di-n-octyl phthalate | 10/330 | | | | | | |
| benzo(b)fluoranthene | 50/1650 | | 1,650K | | | | |
| benzo(k)fluoranthene | | | u | | | | |
| benzo(a)pyrene | | | | | | | |
| indeno(1,2,3-cd)pyrene | | | | | | | |
| dibenzo(a,h)anthracene | | | | | | | |
| benzo(g,h,i)perylene | | | 1,650K | | | | |
| | | | | | | | |
| | | | | | | | |
| aniline | 50/1650 | | 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 | | | | | | | |

MDL

H2O/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.
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(9)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992494 | 992495 | 992496 | 992497 | | |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-004-SD | VC-005-SD | VC-006-SD | VC-007-SD | | |
| COMPOUND | TYPE | (4) | (4) | (4) | (4) | ( ) | ( ) |
| | 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 | U | U | | |
| bis(2-chloroethyl)ether | ↓ | ↓ | ↓ | ↓ | ↓ | | |
| 2-chlorophenol | | | | | | | |
| Phenol | | | | | | | |
| 1,3-dichlorobenzene | | | | | | | |
| 1,4-dichlorobenzene | | | | | | | |
| 1,2-dichlorobenzene | | | | | | | |
| bis(2-chloroisopropyl)ether | | | | | | | |
| 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 | 10/330 | | | | | | |
| azobenzene | ↓ | | | | | | |
| 4-bromophenylphenylether | | | | | | | |
| hexachlorobenzene | | | | | | | |
| pentachlorophenol | 50/1650 | | | | | | |
| Phenanthrene | 10/330 | | | | | | |
| Anthracene | ↓ | | | | | | |
| dibutyl phthalate | | ↓ | ↓ | ↓ | ↓ | | |
| fluoranthene | | | | | | | |

MDL
$H_2O$/SOIL

J - Estimated value.
K - Actual value is known to be less than value given.
[illegible] - Actual value is known to be greater than value given.
[illegible] - 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.

(10)

STATE LABORATORY OF PUBLIC HEALTH

P.O. BOX 28047 - 306 N. WILMINGTON, ST., RALEIGH, N.C. 27611

ORGANIC CHEMICAL ANALYSIS

| BASE/NEUTRAL AND ACID EXTRACTABLES | LAB NO | 992494 | 992495 | 992496 | 992497 | | |
|---|---|---|---|---|---|---|---|
| | FIELD # | VC-004-SD | VC-005-SD | VC-006-SD | VC-007-SD | | |
| COMPOUND | TYPE | (4) | (4) | (4) | (4) | ( ) | ( ) |
| | 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 | 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 | | | | | | |
| di-n-octyl phthalate | 10/330 | | | | | | |
| 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 | | | | | | |
| 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 | | | | | | | |

MDL

H2O/50/L

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.

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Numbe VC-001-PW 07/26/99 1535 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-01

Name of Site Virginia Carolina Chemical Collected By ___

Site Location Wadesboro, NC Date Collected ___

RECEIVED
AUG 23 1999
SOLID WASTE SECTION

Agency: __ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999 NJ

Date Extracted ___

Date Analyzed 8-5-99 NJ

Reported By John L. Neal

Date Reported 8-16-99

Lab Number 992441

DHS 3191 (Revised 12/93)

#992441 - 992497

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Nu VC-002-PW 07/26/99 1605 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-05 10

Name of Site Virginia Carolina Chemical

Collected By

Site Location Wadesboro, NC

Date Collected

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-5-99 nf

Reported By

Date Reported

Lab Number 992442

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number VC-003-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-09 19

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichlorodethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-5-99 mg

Reported By

Date Reported

Lab Number 992443

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/ VC-103-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS
Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
ORG-CLP VOA Ground Water
Site Location Wadesboro, NC Date Collected VCW-89 203

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 MJ

Reported By

Date Reported

Lab Number 992444

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Number VC-004-PW 07/26/99 1646 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-13 28

Name of Site Virginia Carolina Chemical

Collected By

Site Location Wadesboro, NC

Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 NJ

Reported By

Date Reported

Lab Number 992445

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/l VC-005-PW 07/26/99 1713 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-17 37

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 TJ

Reported By

Date Reported

Lab Number 992446

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/N VC-006-PW 07/26/99 1650 GRAB
VC072699, NC S. RYALS
POTABLE WELL
ORG-CLP VOA Ground Water
VCW-21 46

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected Time

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l);(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 TJ

Reported By

Date Reported

Lab Number 992447

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/ VC-001-SW 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Surface Water
VCW-53 120

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichlorophenol | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 mg

Reported By

Date Reported

Lab Number 992448

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number VC-002-SW 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Surface Water
VCW-56 126

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 NJ

Reported By

Date Reported

Lab Number 992449

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/ VC-003-SW 07/26/99 1320 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

ORG-CLP VOA Surface Water
VCW-59 133

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-6-99 NJ

Reported By

Date Reported

Lab Number 992450

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number/ VC-004-SW 07/26/99 1200 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP VOA Surface Water

Site Location Wadesboro, NC Date Collected VCW-62 140

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-9-99 nj

Reported By

Date Reported

Lab Number 992451

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Number/N VC-005-SW -07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By

Site Location Wadesboro, NC

Date Collected

ORG-CLP VOA Surface Water
VCW-65 147

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-9-99 nj

Reported By

Date Reported

Lab Number 992452

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number VC-007-SW 07/26/99 1120 GRAB
VC072699, NC S. RYALS
Name of Site Virginia Carolina Chemical Collected By SURFACE WATER
ORG-CLP VOA Surface Water
Site Location Wadesboro, NC Date Collected VCW-67 154

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-9-99 NJ

Reported By

Date Reported

Lab Number 992453

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Number/I VC-001-SL 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By ORG-CLP VOA Soil
VCW-25 55

Site Location Wadesboro, NC

Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-11-99 NJ

Reported By

Date Reported

Lab Number 992454

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number VC-002-SL 07/26/99 1305 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP VOA Soil
VCW-29 63

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-11-99 MJ

Reported By

Date Reported

Lab Number 992455

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/ VC-102-SL 07/26/99 1305 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Soil
VCW-93 212

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-11-99 ng

Reported By

Date Reported

Lab Number 992456

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number VC-003-SL 07/26/99 ____ GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Wadesboro, NC Date Collected ____ ORG-CLP VOA Soil
VCW-33 72

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted ____

Date Analyzed 8-11-99 ng

Reported By ____

Date Reported ____

Lab Number 992457

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number/N VC-004-SL 07/26/99 1345 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ORG-CLP VOA Soil
Site Location Wadesboro, NC Date Collected VCW-37 88

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-11-99 mg

Reported By

Date Reported

Lab Number 992458

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/Date VC-005-SL 07/26/99 1515 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Soil
VCW-41 95

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-11-99 NJ

Reported By

Date Reported

Lab Number 992459

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Number/ VC-006-SL 07/26/99 1318 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By

Site Location Wadesboro, NC

Date Collected

ORG-CLP VOA Soil
VCW-45 103

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 MJ

Reported By

Date Reported

Lab Number 992460

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/I VC-008-SL 07/26/99 1240 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Soil
VCW-49 111

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 NJ

Reported By

Date Reported

Lab Number 992461

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/l VC-001-SD 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Sediment
VCW-70 161

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 NJ

Reported By

Date Reported

Lab Number 992462

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924

Sample ID Number/N VC-002-SD 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical

Collected By

ORG-CLP VOA Sediment
VCW-73 167

Site Location Wadesboro, NC

Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 TJ

Reported By

Date Reported

Lab Number 992463

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number VC-003-SD 07/26/99 1335 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Sediment
VCW-76 173

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 TA

Reported By

Date Reported

Lab Number 992464

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number/ VC-004-SD 07/26/99 1200 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Sediment
VCW-79 180

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 - NJ

Reported By

Date Reported

Lab Number 992465

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/N VC-005-SD 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

ORG-CLP VOA Sediment
VCW-82 185

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 nj

Reported By

Date Reported

Lab Number 992466

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number VC-006-SD 07/26/99 1445 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

ORG-CLP VOA Sediment
VCW-84 191

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-12-99 MJ

Reported By

Date Reported

Lab Number 992467

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCF N0406 924 Sample ID Number/N VC-007-SD 07/26/99 1120 -GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

ORG-CLP VOA Sediment
VCW-87 197

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-13-99 TJ

Reported By

Date Reported

Lab Number 992468

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSF N0406 924 Sample ID Number/ VC-001-TB 07/27/99 1300 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By TRIP BLANK

Site Location Wadesboro, NC Date Collected ORG-CLP VOA Water
VCW-96 218

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ✓ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ___ nitrate | |
| ___ selenium | |
| ___ silver | |
| ___ sulfates | |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received JUL 27 1999

Date Extracted

Date Analyzed 8-9-99 NJ

Reported By

Date Reported

Lab Number 992469

DHS 3191 (Revised 12/93)

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992441 | 992442 | 992443 | 992444 | 992445 | 992446 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | VCW-01 | VCW-05 | VCW-09 | VCW-89 | VCW-13 | VCW-17 |
| COMPOUND | TYPE | ( \| ) | ( \| ) | ( \| ) | ( \| ) | ( \| ) | ( \| ) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| CHLOROMETHANE | 2.0 | u | u | u | u | u | u |
| VINYL CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROFLUOROMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHENE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ACETONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| IODOMETHANE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CARBON DISULFIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYLENE CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ACRYLONITRILE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRANS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYL-t-BUTYL-ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ISOPROPYL ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CIS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-BUTANONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TETRAHYDROFURAN | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROFORM | 0.5 | trace | trace | trace | trace | trace | ↓ |
| 1,1,1-TRICHLOROETHANE | ↓ | u | u | u | u | u | ↓ |
| CARBON TETRACHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BENZENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROPROPANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| DIBROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

C - Possible lab contamination or background
J - Estimated value
K - Actual value is known to be less than value given.
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(2)

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992441 | 992442 | 992443 | 992444 | 992445 | 992446 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | | | | | | |
| COMPOUND | TYPE | ( ) | ( ) | ( ) | ( ) | ( ) | ( ) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| BROMODICHLOROMETHANE | 0.5 | u | u | u | u | u | u |
| CIS-1,3-DICHLOROPROPENE | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | |
| TOLUENE | | | | | | | |
| TRANS-1,3-DICHLOROPROPENE | | | | | | | |
| 1,1,2-TRICHLOROETHANE | | | | | | | |
| TETRACHLOROETHENE | | trace | | | | | |
| 2-HEXANONE | | u | | | | | |
| DIBROMOCHLOROMETHANE | | | | | | | |
| ETHYLENE DIBROMIDE | | | | | | | |
| CHLOROBENZENE | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | |
| ETHYL BENZENE | | | | | | | |
| XYLENES | | | | | | | |
| STYRENE | | | | | | | |
| BROMOFORM | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | |
| 1,2,-DIBROMO-3-CHLOROPROPANE | 2.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992447 | 992448 | 992449 | 992450 | 992451 | 992452 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | VCW-21 | VCW-53 | VCW-56 | VCW-59 | VCW-62 | VCW-65 |
| COMPOUND | TYPE | (1) | (2) | (2) | (2) | (2) | (2) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| CHLOROMETHANE | 2.0 | U | U | U | U | U | U |
| VINYL CHLORIDE | | | | | | | |
| BROMOMETHANE | | | | | | | |
| CHLOROETHANE | | | | | | | |
| TRICHLOROFLUOROMETHANE | | | | | | | |
| 1,1-DICHLOROETHENE | 0.5 | | | | | | |
| ACETONE | 2.0 | | | | | | |
| IODOMETHANE | 0.5 | | | | | | |
| CARBON DISULFIDE | | | | | | | |
| METHYLENE CHLORIDE | | | | | | | |
| ACRYLONITRILE | | | | | | | |
| TRANS-1,2-DICHLOROETHENE | | | | | | | |
| METHYL-t-BUTYL-ETHER | | | | | | | |
| 1,1-DICHLOROETHANE | | | | | | | |
| ISOPROPYL ETHER | | | | | | | |
| CIS-1,2-DICHLOROETHENE | | | | | | | |
| 2-BUTANONE | 2.0 | | | | | | |
| TETRAHYDROFURAN | | | | | | | |
| CHLOROFORM | 0.5 | | | | | | |
| 1,1,1-TRICHLOROETHANE | | | | | | | |
| CARBON TETRACHLORIDE | | | | | | | |
| BENZENE | | | | | | | |
| 1,2-DICHLOROETHANE | | | | | | | |
| TRICHLOROETHENE | | | | | | | |
| 1,2-DICHLOROPROPANE | | | | | | | |
| DIBROMOMETHANE | | | | | | | |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992447 | 992448 | 992449 | 992450 | 992451 | 992452 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | | | | | | |
| COMPOUND | TYPE | (1) | (2) | (2) | (2) | (2) | (2) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| BROMODICHLOROMETHANE | 0.5 | U | U | U | U | U | U |
| CIS-1,3-DICHLOROPROPENE | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | |
| TOLUENE | | | | | | trace | |
| TRANS-1,3-DICHLOROPROPENE | | | | | | U | |
| 1,1,2-TRICHLOROETHANE | | | | | | | |
| TETRACHLOROETHENE | | | | | | | |
| 2-HEXANONE | | | | | | | |
| DIBROMOCHLOROMETHANE | | | | | | | |
| ETHYLENE DIBROMIDE | | | | | | | |
| CHLOROBENZENE | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | |
| ETHYL BENZENE | | | | | | | |
| XYLENES | | | | | | | |
| STYRENE | | | | | | | |
| BROMOFORM | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | |
| 1,2,-DIBROMO-3-CHLOROPROPANE | 2.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992453 | 992454 | 992455 | 992456 | 992457 | 992458 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | VCW-67 | VCW-25 | VCW-29 | VCW-93 | VCW-33 | VCW-37 |
| COMPOUND | TYPE | (2) | (3) | (3) | (3) | (3) | (3) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| CHLOROMETHANE | 2.0 | U | U | U | U | U | U |
| VINYL CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROFLUOROMETHANE | ↓ | ↓ | ↓ | ↓ | trace C | trace C | ↓ |
| 1,1-DICHLOROETHENE | 0.5 | ↓ | ↓ | ↓ | U | U | ↓ |
| ACETONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| IODOMETHANE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CARBON DISULFIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYLENE CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ACRYLONITRILE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRANS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYL-t-BUTYL-ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ISOPROPYL ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CIS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-BUTANONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TETRAHYDROFURAN | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROFORM | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | trace |
| 1,1,1-TRICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | U |
| CARBON TETRACHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BENZENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROPROPANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| DIBROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992453 | 992454 | 992455 | 992456 | 992457 | 992458 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | | | | | | |
| COMPOUND | TYPE | (2) | (3) | (3) | (3) | (3) | (3) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| BROMODICHLOROMETHANE | 0.5 | u | u | u | u | u | u |
| CIS-1,3-DICHLOROPROPENE | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | |
| TOLUENE | | | | | | | trace c |
| TRANS-1,3-DICHLOROPROPENE | | | | | | | u |
| 1,1,2-TRICHLOROETHANE | | | | | | | |
| TETRACHLOROETHENE | | | | | | | |
| 2-HEXANONE | | | | | | | |
| DIBROMOCHLOROMETHANE | | | | | | | |
| ETHYLENE DIBROMIDE | | | | | | | |
| CHLOROBENZENE | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | |
| ETHYL BENZENE | | | | | | | |
| XYLENES | | | | | | | |
| STYRENE | | | | | | | |
| BROMOFORM | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | |
| 1,2,-DIBROMO-3-CHLOROPROPANE | 2.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992459 | 992460 | 992461 | 992462 | 9992463 | 9992464 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | VCW-41 | VCW-46 | VCW-49 | VCW-70 | VCW-73 | VCW-76 |
| COMPOUND | TYPE | (3) | (3) | (3) | (4) | (4) | (4) |
| | ↓ MDL (ppb) ↓ | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| CHLOROMETHANE | 2.0 | U | U | U | U | U | U |
| VINYL CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROFLUOROMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHENE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ACETONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| IODOMETHANE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CARBON DISULFIDE | ↓ | ↓ | ↓ | trace[c] | trace[c] | trace[c] | trace[c] |
| METHYLENE CHLORIDE | ↓ | ↓ | ↓ | U | U | U | U |
| ACRYLONITRILE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRANS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYL-t-BUTYL-ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| ISOPROPYL ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CIS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-BUTANONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TETRAHYDROFURAN | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROFORM | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,1-TRICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| CARBON TETRACHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| BENZENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| TRICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROPROPANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| DIBROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

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## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992459 | 992460 | 992461 | 992462 | 992463 | 992464 |
|---|---|---|---|---|---|---|---|
| | FIELD NO | | | | | | |
| COMPOUND | TYPE | (3) | (3) | (3) | (4) | (4) | (4) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| BROMODICHLOROMETHANE | 0.5 | u | u | u | u | u | u |
| CIS-1,3-DICHLOROPROPENE | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | |
| TOLUENE | | | trace c | | | trace c | trace c |
| TRANS-1,3-DICHLOROPROPENE | | | u | | | u | u |
| 1,1,2-TRICHLOROETHANE | | | | | | | |
| TETRACHLOROETHENE | | | | | | | |
| 2-HEXANONE | | | | | | | |
| DIBROMOCHLOROMETHANE | | | | | | | |
| ETHYLENE DIBROMIDE | | | | | | | |
| CHLOROBENZENE | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | |
| ETHYL BENZENE | | | | | | | |
| XYLENES | | | | | | | |
| STYRENE | | trace | | | | | |
| BROMOFORM | | u | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | |
| 1,2,-DIBROMO-3-CHLOROPROPANE | 2.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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NA - Not analyzed.
1/ - Tentative identification.
D - SAMPLE DILUTED. MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

## ORGANIC CHEMICAL ANALYSIS

| PURGEABLE COMPOUNDS | LAB NO | 992465 | 992466 | 992467 | 992468 | 992469 (Trip Blank) | |
|---|---|---|---|---|---|---|---|
| | FIELD NO | VCW-79 | VCW-82 | VCW-84 | VCW-87 | VCW-96 | |
| COMPOUND | TYPE | (4) | (4) | (4) | (4) | (4) | ( ) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| CHLOROMETHANE | 2.0 | U | U | U | U | U | |
| VINYL CHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| BROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| CHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| TRICHLOROFLUOROMETHANE | ↓ | ↓ | ↓ | 1.1 C | ↓ | ↓ | |
| 1,1-DICHLOROETHENE | 0.5 | ↓ | ↓ | U | ↓ | ↓ | |
| ACETONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| IODOMETHANE | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| CARBON DISULFIDE | ↓ | ↓ | ↓ | trace C | trace C | ↓ | |
| METHYLENE CHLORIDE | ↓ | ↓ | ↓ | U | U | ↓ | |
| ACRYLONITRILE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| TRANS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| METHYL-t-BUTYL-ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| 1,1-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| ISOPROPYL ETHER | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| CIS-1,2-DICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| 2-BUTANONE | 2.0 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| TETRAHYDROFURAN | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| CHLOROFORM | 0.5 | ↓ | ↓ | ↓ | ↓ | ↓ | |
| 1,1,1-TRICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| CARBON TETRACHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| BENZENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| 1,2-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| TRICHLOROETHENE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| 1,2-DICHLOROPROPANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |
| DIBROMOMETHANE | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | |

C - Possible lab contamination or background
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.
NA - Not analyzed.
1/ - Tentative identification.
D - SAMPLE DILUTED. MDL'S DO NOT APPLY.

STATE LABORATORY OF PUBLIC HEALTH
PO BOX 28047 - 306 N. WILMINGTON ST., RALEIGH, NC 27611

(10)

## ORGANIC CHEMICAL ANALYSIS

Trip Blank

| PURGEABLE COMPOUNDS | LAB NO | 992465 | 992466 | 992467 | 992468 | 992469 | |
|---|---|---|---|---|---|---|---|
| | FIELD NO | | | | | | |
| COMPOUND | TYPE | (4) | (4) | (4) | (4) | (4) | ( ) |
| | MDL (ppb) | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm | ppb ppm |
| BROMODICHLOROMETHANE | 0.5 | u | u | u | u | u | |
| CIS-1,3-DICHLOROPROPENE | | | | | | | |
| 4-METHYL-2-PENTANONE | | | | | | | |
| TOLUENE | | | trace | | | | |
| TRANS-1,3-DICHLOROPROPENE | | | u | | | | |
| 1,1,2-TRICHLOROETHANE | | | | | | | |
| TETRACHLOROETHENE | | | | | | | |
| 2-HEXANONE | | | | | | | |
| DIBROMOCHLOROMETHANE | | | | | | | |
| ETHYLENE DIBROMIDE | | | | | | | |
| CHLOROBENZENE | | | | | | | |
| 1,1,1,2-TETRACHLOROETHANE | | | | | | | |
| ETHYL BENZENE | | | | | | | |
| XYLENES | | | | | | | |
| STYRENE | | | | | | | |
| BROMOFORM | | | | | | | |
| 1,1,2,2-TETRACHLOROETHANE | | | | | | | |
| 1,2,3-TRICHLOROPROPANE | | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | | |
| 1,2-DICHLOROBENZENE | | | | | | | |
| 1,2,-DIBROMO-3-CHLOROPROPANE | 2.0 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

C - Possible lab contamination or background.
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.
NA - Not analyzed.
1/ - Tentative identification.
D - SAMPLE DILUTED. MDL'S DO NOT APPLY.

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-001-PB 07/27/99 1300 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By PRESERV. BLANK

Site Location Hillsboro, NC Date Collected INORG-CLP METALS Water
VCW-97 221

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | <0.01 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.005 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DJM

Date Reported 8/10/99

010998 JUL 27 99

Lab Number ___

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID No. VC-001-PW 07/26/99 1535 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL INORG-CLP NUTRIENT Ground Water
VCW-04 8

Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | 4.12 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 85 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DJM

Date Reported 8/10/99

Lab Number 010976 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number/Nar VC-002-PW 07/26/99 1605 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____ POTABLE WELL INORG-CLP NUTRIENT Ground Water
VCW-08 17

Site Location Wadesboro, NC Date Collected _____

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | 3.43 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 48 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received _____

Date Extracted _____

Date Analyzed _____

Reported By DJM

Date Reported 8/10/99

Lab Number 010977 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number VC-003-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
INORG-CLP NUTRIENT Ground Water

Site Location Wadesboro, NC Date Collected VCW-12 26

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | 1.03 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 9 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DJM

Date Reported 8/10/99

Lab Number U10978 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number/l VC-103-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
INORG-CLP NUTRIENT Ground Water

Site Location Wadesboro, NC Date Collected VCW-92 210

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | 1.04 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 9 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DPM

Date Reported 8/10/99

Lab Number 010979 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number/N VC-004-PW 07/26/99 1646 GRAB
VC072699, NC S. RYALS
POTABLE WELL
Name of Site Virginia Carolina Chemical Collected By INORG-CLP NUTRIENT Ground Water
VCW-16 35
Site Location Wadesboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | <1.00 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 6 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received
Date Extracted
Date Analyzed
Reported By
Date Reported 8/10/99
Lab Number 010930 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number/N VC-005-PW 07/26/99 1713 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
INORG-CLP NUTRIENT Ground Water
Site Location Wadesboro, NC Date Collected VCW-20 44

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate (as N) | <1.00 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | 9 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |
| ___ | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DJM

Date Reported 8/10/99

Lab Number 010981 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCSFN0 406 924 Sample ID Number/l VC-006-PW 07/26/99 1650 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
INORG-CLP NUTRIENT Ground Water

Site Location Wadesboro, NC Date Collected VCW-24 53

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ___ arsenic | |
| ___ barium | |
| ___ beryllium | |
| ___ cadmium | |
| ___ chloride | |
| ___ chromium | |
| ___ cobalt | |
| ___ copper | |
| ___ fluoride | |
| ___ iron | |
| ___ lead | |
| ___ manganese | |
| ___ mercury | |
| ___ nickel | |
| ✓ nitrate(as N) | 2.16 |
| ___ selenium | |
| ___ silver | |
| ✓ sulfates | <5 |
| ___ thallium | |
| ___ vanadium | |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DJM

Date Reported 8/10/99

Lab Number 010982 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 927 Sample ID Number/Na VC-001-SD 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Sediment
VCW-72 165

Site Location Hillsboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 18 |
| ✓ beryllium | K6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | <4 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 4 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported 8/25/99

010991 UUL 2799

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-002-SD 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Sediment

Site Location Windsor, NC Date Collected VCW-75 171

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 12 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 6 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <4 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported 8/25/99

010992 JUL 27 99

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-003-SD 07/26/99 1335 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Sediment
VCW-78 177

Site Location Hillsboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 4 |
| ✓ barium | 28 |
| ✓ beryllium | <6 |
| ✓ cadmium | 6 |
| ___ chloride | |
| ✓ chromium | 6 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 6 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DGM

Date Reported 8/25/99

010993 JUL 2799

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Numbe VC-004-SD 07/26/99 1200 GRAB
VC072699, NC - S. RYALS

Name of Site Virginia Carolina Chemical Collected By INORG-CLP METALS Sediment
VCW-81 183

Site Location Hillsboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 16 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 4 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <4 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DM

Date Reported 8/25/99

010994 JUL 27 99

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-005-SD 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Hubbersboro, NC Date Collected

INORG-CLP METALS Sediment
VCW-84 189

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 47 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 10 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 8 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported 8/25/99

U10995 JUL 27 99

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-006-SD 07/26/99 1445 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By
INORG-CLP METALS Sediment
Site Location Hubgsboro, NC Date Collected VCW-86 195

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 22 |
| ✓ barium | 76 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 18 |
| ___ cobalt | |
| ✓ copper | 106 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 551 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 22 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received
Date Extracted
Date Analyzed
Reported By
Date Reported 8/25/99
010996 JUL 27 99
Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N: VC-007-SD 07/26/99 1120 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Sediment
VCW-88 201

Site Location Hubgsboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 36 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 10 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 8 |
| ___ manganese | |
| ✓ mercury | <0.10 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | 14 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DGM

Date Reported 8/25/99

Lab Number 010997 JUL 27 99

DHS 3191 (Revised 12/93)

NCDEHNR
Division of Waste Management
☒ Superfund Section
☐ Hazardous Waste Section
☐ Solid Waste Section

RECEIVED
SEP 03 1999
SUPERFUND SECTION

Organics Lab: ____
Inorganics Lab: X

# CHAIN OF CUSTODY RECORD

Project Name: VC Wadesboro
Site ID # (NCD#) NCD FNO 406 924
Location: Wadesboro, Anson Co., NC
Address: Stambaugh Ferry Rd.

Sampled By: S. Ryals
Sampler ID ____
Telephone: ( ) 733-2801 x316
Date Sampled: 7/26-7/27/99
Time Sampled: ____

Sample Types: Soil X Water X Waste ____ Other ____

Remarks: ____

Field Sample Numbers

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ~~VCW-01~~ | VCW-08 | VCW-19 | VCW-31 | VCW-51 | VCW-66 | VCW-81 | VCW-92 |
| VCW-03 | VCW-11 | VCW-20 | VCW-35 | VCW-55 | VCW-69 | VCW-84 | VCW-95 |
| VCW-04 | VCW-12 | VCW-23 | VCW-39 | VCW-58 | VCW-72 | VCW-86 | VCW-97 |
| VCW-07 | VCW-15 | VCW-24 | VCW-43 | VCW-61 | VCW-78 | VCW-88 | |
| | VCW-16 | VCW-27 | VCW-47 | VCW-64 | VCW-75 | VCW-91 | |

Relinquished By: Steve C. Ryals (Signature) Date: 7-27-99 Time: 14:22
Received By: Deborah J. Moncel (Signature) Date: 7-27-99 Time: 14:22

Relinquished By: ____ (Signature) Date: ____ Time: ____
Received By: ____ (Signature) Date: ____ Time: ____

Relinquished By: ____ (Signature) Date: ____ Time: ____
Received By: ____ (Signature) Date: ____ Time: ____

Results Reported: Deborah J. Moncel (Signature) Date: 11:55AM 8/25/99 Time: 11:55AM

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-001-SL 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By INORG-CLP METALS Soil
VCW-27 59

Site Location Hobgood, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 20 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 8 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 4 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate(as N) | <20 |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ✓ sulfates | <100 |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DJM

Date Reported 8/25/99

Lab Number 010983 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NC SFN 0406924 Sample ID Number/N VC-002-SL 07/26/99 1305 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By _____ INORG-CLP METALS Soil
VCW-31 67

Site Location Wadesboro, NC Date Collected _____

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ✓ arsenic | <0.02 |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ✓ lead | 36.6 |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 32 |
| ✓ barium | 349 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | <4 |
| ___ cobalt | |
| ✓ copper | 95 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 3002 |
| ___ manganese | |
| ✓ mercury | 0.30 |
| ___ nickel | |
| ✓ nitrate(as N) | <10 |
| ✓ selenium | 6 |
| ✓ silver | 10 |
| ✓ sulfates | 559 |
| ___ thallium | |
| ✓ vanadium | <6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received _____

Date Extracted _____

Date Analyzed _____

Reported By DJM

Date Reported 8/25/99

Lab Number 110984 JUL 2759

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-102-SL 07/26/99 1305 -GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Hillsboro, NC Date Collected

INORG-CLP METALS Soil
VCW-95 216

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 30 |
| ✓ barium | 441 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | <4 |
| ___ cobalt | |
| ✓ copper | 108 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 3361 |
| ___ manganese | |
| ✓ mercury | 0.30 |
| ___ nickel | |
| ✓ nitrate(as N) | 167 |
| ✓ selenium | 4 |
| ✓ silver | 10 |
| ✓ sulfates | 610 |
| ___ thallium | |
| ✓ vanadium | <6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DGM

Date Reported 8/25/99

010985 JUL 2799

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-003-SL 07/26/99 ____ GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Windsor, NC Date Collected ____ INORG-CLP METALS Soil
VCW-35 76

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 28 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 6 |
| ___ cobalt | |
| ✓ copper | <10 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 12 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate(as N) | <10 |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ✓ sulfates | <50 |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By DJM

Date Reported 8/25/99

U10986 JUL 2799

Lab Number ____

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-004-SL 07/26/99 1345 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Wadesboro, NC Date Collected

INORG-CLP METALS Soil
VCW-39 91

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <4 |
| ✓ barium | 34 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 6 |
| ___ cobalt | |
| ✓ copper | 24 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 14 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate(as N) | < 10 |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ✓ sulfates | <50 |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DM

Date Reported 8/25/99

010987 JUL 2799

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/N VC-005-SL 07/26/99 1515 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Windsboro, NC Date Collected INORG-CLP METALS Soil
VCW-43 99

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 10 |
| ✓ barium | 60 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 18 |
| ___ cobalt | |
| ✓ copper | 34 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 82 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate(as N) | <10 |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ✓ sulfates | <50 |
| ___ thallium | |
| ✓ vanadium | 24 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DM

Date Reported 8/25/99

Lab Number 010988 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NC SFN 0406924 Sample ID Number VC-006-SL 07/26/99 1318 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____ INORG-CLP METALS Soil

Site Location Wadesboro, NC Date Collected ____ VCW-47 108

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ✓ arsenic | <0.02 |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ✓ lead | 5.00 |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 12 |
| ✓ barium | 134 |
| ✓ beryllium | <6 |
| ✓ cadmium | <4 |
| ___ chloride | |
| ✓ chromium | 6 |
| ___ cobalt | |
| ✓ copper | 51 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 591 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate (as N) | <10 |
| ✓ selenium | <2 |
| ✓ silver | <4 |
| ✓ sulfates | 90 |
| ___ thallium | |
| ✓ vanadium | 10 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By DJM

Date Reported 8/25/99

010989 JUL 27 99

Lab Number ____

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NC SFN 0406924 Sample ID Number/i VC-008-SL 07/26/99 1240 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By ____ INORG-CLP METALS Soil

Site Location Wadesboro, NC Date Collected ____ VCW-51 116

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

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

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ✓ arsenic | <0.02 |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ✓ lead | 0.02 |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | 92 |
| ✓ barium | 371 |
| ✓ beryllium | <6 |
| ✓ cadmium | 4 |
| ___ chloride | |
| ✓ chromium | <4 |
| ___ cobalt | |
| ✓ copper | 1042 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | 329 |
| ___ manganese | |
| ✓ mercury | <0.20 |
| ___ nickel | |
| ✓ nitrate (as N) | <10 |
| ✓ selenium | <2 |
| ✓ silver | 4 |
| ✓ sulfates | 7480 |
| ___ thallium | |
| ✓ vanadium | 6 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By [illegible]

Date Reported 8/25/99

Lab Number 010990 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924

Sample ID Numt VC-001-PW 07/26/99 1535 GRAB
VC072699, NC S. RYALS
POTABLE WELL
INORG-CLP METALS Ground Water
VCW-03 6

Name of Site Virginia Carolina Chemical

Collected By

Site Location Hillsboro, NC

Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | 1/HNO3 |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.07 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DGM

Date Reported 8/10/99

Lab Number 010963 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/i VC-002-PW 07/26/99 1605 GRAB
VC072699, NC S. RYALS
POTABLE WELL
INORG-CLP METALS Ground Water
VCW-07 15

Name of Site Virginia Carolina Chemical Collected By

Site Location Lubrasloro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | VHNO3 |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.17 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DJM

Date Reported 8/10/99

Lab Number U10964 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/i VC-003-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS
POTABLE WELL
INORG-CLP METALS Ground Water
VCW-11 24

Name of Site Virginia Carolina Chemical Collected By

Site Location Hubersboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | vHNO3 |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.47 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DJM

Date Reported 8/10/99

U10965 JUL 2799

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-103-PW 07/26/99 1600 GRAB
VC072699, NC S. RYALS
Name of Site Virginia Carolina Chemical Collected By POTABLE WELL
INORG-CLP METALS Ground Water
Site Location Hubdesboro, NC Date Collected VCW-91 208

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | 1-HNO3 |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.46 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___
Date Extracted ___
Date Analyzed ___
Reported By DJM
Date Reported 8/10/99
Lab Number 010966 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-004-PW 07/26/99 1646 GRAB
VC072699, NC S. RYALS
POTABLE WELL
INORG-CLP METALS Ground Water
VCW-15 33

Name of Site Virginia Carolina Chemical Collected By ____

Site Location Hobbsboro, NC Date Collected ____

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | VHNO3 |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.48 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By DGH

Date Reported 8/10/99

Lab Number 010967 JUL 2777

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-005-PW 07/26/99 1713 GRAB
VC072699, NC S. RYALS
POTABLE WELL
INORG-CLP METALS Ground Water
VCW-19 42

Name of Site Virginia Carolina Chemical Collected By

Site Location Windsboro, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | ✓ $HNO_3$ |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.37 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By RJM

Date Reported 8/10/99

010968 JUL 27 99

Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Numbe VC-006-PW 07/26/99 1650 GRAB
VC072699, NC S. RYALS
POTABLE WELL
Name of Site Virginia Carolina Chemical Collected By
INORG-CLP METALS Ground Water
VCW-23 51
Site Location Fuquay Varina, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | 1/HNO3 |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.20 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received
Date Extracted
Date Analyzed
Reported By
Date Reported 8/10/99
010969 JUL 2799
Lab Number

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-001-SW 07/26/99 1135 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Surface Water
VCW-55 124

Site Location Hendersonville, NC Date Collected

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | 1/HNO3 |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.05 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DGM

Date Reported 8/10/99

Lab Number 010970 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-002-SW 07/26/99 1150 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

Site Location Kinston, NC Date Collected

INORG-CLP METALS Surface Water
VCW-58 131

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | |
| ___ Soil (3) | ___ Sludge (7) | ✓ HNO3 |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.05 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported 8/10/99

Lab Number 010971 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/l VC-003-SW 07/26/99 1320 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Surface Water

Site Location Hillsboro, NC Date Collected VCW-61 138

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | 1/HNO3 |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.04 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DJH

Date Reported 8/10/99

Lab Number 010972 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number/ VC-004-SW 07/26/99 1200 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Surface Water

Site Location Hillsboro, NC Date Collected VCW-64 145

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | ✓ $HNO_3$ |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.05 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ___ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported 8/10/99

Lab Number 010973 JUL 2799

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Numbe VC-005-SW 07/26/99 1220 GRAB
VC072699, NC S. RYALS

Name of Site Virginia Carolina Chemical Collected By

INORG-CLP METALS Surface Water

Site Location Hundsboro, NC Date Collected VCW-66 152

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | VHNO3 |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results(mg/l)(mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.04 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | <0.01 |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichlorophenol | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received

Date Extracted

Date Analyzed

Reported By DSM

Date Reported 8/10/99

Lab Number 61.0974 JUL 27 99

DHS 3191 (Revised 12/93)

NC Department of Environment, Health, & Natural Resources
Solid Waste Management Division

# SAMPLE ANALYSIS REQUEST

State Laboratory of Public Health
P.O. Box 28047, 306 N. Wilmington St.
Raleigh, North Carolina 27611-8047

Site Number NCS FNO 406 924 Sample ID Number VC-007-SW 07/26/99 1120 GRAB
VC072699, NC S. RYALS
Name of Site Virginia Carolina Chemical Collected By
SURFACE WATER
INORG-CLP METALS Surface Water
Site Location Hillsboro, NC Date Collected VCW-69 159

Agency: ___ Hazardous Waste ___ Solid Waste X Superfund

## Sample Type

| Environmental | Concentrate | Comments |
|---|---|---|
| ___ Ground Water (1) | ___ Solid (5) | |
| ___ Surface Water (2) | ___ Liquid (6) | ✓ $HNO_3$ |
| ___ Soil (3) | ___ Sludge (7) | |
| ___ Other (4) | ___ Other (8) | |

## TCLP Compounds

| Inorganic Compounds | Results(mg/l) |
|---|---|
| ___ arsenic | |
| ___ barium | |
| ___ cadmium | |
| ___ chromium | |
| ___ lead | |
| ___ mercury | |
| ___ selenium | |
| ___ silver | |

## Organic Chemistry

| Parameter | Results (mg/l) |
|---|---|
| ___ P&T:GC/MS | |
| ___ Acid:B/N Ext. | |
| ___ 2,4-D | |
| ___ 2,4,5-TP(Silvex) | |
| ___ chlordane | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |

## Inorganic Chemistry

| Parameter | Results (mg/l) (mg/kg) |
|---|---|
| ___ antimony | |
| ✓ arsenic | <0.01 |
| ✓ barium | 0.043 |
| ✓ beryllium | <0.003 |
| ✓ cadmium | <0.005 |
| ___ chloride | |
| ✓ chromium | <0.01 |
| ___ cobalt | |
| ✓ copper | <0.05 |
| ___ fluoride | |
| ___ iron | |
| ✓ lead | <0.005 |
| ___ manganese | |
| ✓ mercury | <0.0005 |
| ___ nickel | |
| ___ nitrate | |
| ✓ selenium | <0.01 |
| ✓ silver | interference |
| ___ sulfates | |
| ___ thallium | |
| ✓ vanadium | <0.01 |
| ___ zinc | |
| ___ pH | |
| ___ conductivity | |
| ___ TDS | |
| ___ flash point | |

## Organic Compounds

| Organic Compounds | Results(mg/l) |
|---|---|
| ___ benzene | |
| ___ carbon tetrachloride | |
| ___ chlordane | |
| ___ chlorobenzene | |
| ___ chloroform | |
| ___ o-cresol | |
| ___ m-cresol | |
| ___ p-cresol | |
| ___ cresol | |
| ___ 1,4-dichlorobenzene | |
| ___ 1,2-dichloroethane | |
| ___ 1,1-dichloroethylene | |
| ___ 2,4-dichloroethylene | |
| ___ heptachlor | |
| ___ hexachlorobenzene | |
| ___ hexachlorobutadiene | |
| ___ hexachloroethane | |
| ___ methyl ethyl ketone | |
| ___ nitrobenzene | |
| ___ pentachlorophenol | |
| ___ pyridine | |
| ___ tetrachloroethylene | |
| ___ trichloroethylene | |
| ___ 2,4,5-trichlorophenol | |
| ___ 2,4,6-trichlorophenol | |
| ___ vinyl chloride | |
| ___ endrin | |
| ___ lindane | |
| ___ methoxychlor | |
| ___ toxaphene | |
| ___ 2,4-D | |
| ___ 2,4,5-TP (Silvex) | |

## FOR LAB USE ONLY

Date Received ___

Date Extracted ___

Date Analyzed ___

Reported By DJM

Date Reported 8/10/99

010975 JUL2799

Lab Number ___

DHS 3191 (Revised 12/93)