577SERBSF10,633

577SERBSF10,633

Site Name (Subject):	TRI-COUNTY AIRPORT
Site ID (Document ID):	NCN000407205
Document Name (DocType):	Preliminary Assessment/Site Inspection (PA/SI)
Report Segment:	
Description:	Combined PA/SI
Date of Document:	3/15/2002
Date Received:	
Box: *Enter SF and # with no spaces*	SF10,633
Access Level:	PUBLIC
Division:	WASTE MANAGEMENT
Section:	SUPERFUND
Program (Document Group):	SERB (SERB)
Document Category:	FACILITY

Print Report for Record | **Go to New Blank Record** | **Go to New Record - (default to last record values)** | **Delete Record**

North Carolina
Department of Environment and Natural Resources
Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

NCDENR

March 15, 2002

Ms. Jennifer Wendel, RPM
US EPA Region IV Waste Division
Atlanta Federal Building
61 Forsyth St., 11th Floor
Atlanta, GA 30303-3104

Subject: Combined Preliminary Assessment/Site Inspection (cPA/SI)
Tri-County Airport Site
EPA ID# NCN 000 407 205
Aulander, Hertford County, NC

Dear Ms. Wendel:

Enclosed is the Combined Preliminary Assessment/Site Inspection (cPA/SI) report for the Tri-County Airport site (EPA ID# NCN 000 407 205), Aulander, Hertford County, NC.

Because of the high levels of pesticides present in both source areas and their potential environmental and drinking water threat, a removal request has been made to the US EPA Region 4's Emergency Response and Removal Branch (ERRB). However, based on the minimal impact to the surface water pathway and absence of site contaminants in the on-site drinking water well, the Tri-County Airport site is recommended for no further remedial action under CERCLA. If you have any questions, please contact me at melanie.bryson@ncmail.net or (919) 733-2801 ext. 316.

Sincerely,

Melanie Bryson

Melanie Bryson, E.I.T.
Environmental Engineer
NC Superfund Section

Enclosures

STATE OF NORTH CAROLINA

Department of Environment
and Natural Resources
Division of Waste Management
Superfund Section

COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION (cPA/SI)

March 15, 2002

Tri-County Airport Site
NCN 000 407 205
Aulander, Hertford County, North Carolina

Melanie Bryson, E.I.T.
Environmental Engineer
Division of Waste Management
Superfund Section

COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION

Tri-County Airport
NCN 000 407 205
Aulander, Hertford County, North Carolina

March 15, 2002

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

Prepared by:

Melanie Bryson, E.I.T.
Environmental Engineer

Reviewed by:

Jim Bateson, Head
Site Evaluation & Removal Branch

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1.0 INTRODUCTION 1

2.0 SITE DESCRIPTION 1
- 2.1 Location 1
- 2.2 Site Description 1
- 2.3 Site/Regulatory History and Waste Characteristics 4

3.0 WASTE/SOURCE SAMPLING 7
- 3.1 Source Locations and Sampling 7
- 3.2 Source Sampling Analytical Results 8
  - 3.2.1 Above-Ground Tank 8
  - 3.2.2 Contaminated Soil 9
- 3.3 Source Area/Volume 10
- 3.4 Source Area Conclusions 11

4.0 GROUNDWATER PATHWAY 11
- 4.1 Hydrogeologic Setting 11
- 4.2 Groundwater Targets 11
- 4.3 Groundwater Pathway Sample Locations 12
- 4.4 Groundwater Pathway Analytical Results 13
- 4.5 Groundwater Pathway Conclusions 14

5.0 SURFACE WATER PATHWAY 14
- 5.1 Hydrologic Setting 14
- 5.2 Surface Water Targets 15
- 5.3 Surface Water Pathway Sample Locations 15
- 5.4 Surface Water Pathway Analytical Results 16
  - 5.4.1 Surface Water Samples 16
    - 5.4.1.1 Isolated Wetland 16
    - 5.4.1.2 Fifteen-Mile Surface Water Pathway 17
  - 5.4.2 Sediment Samples 18
    - 5.4.2.1 Isolated Wetland 18
    - 5.4.2.2 Fifteen-Mile Surface Water Pathway 19
- 5.5 Surface Water Pathway Conclusions 20

6.0 SOIL EXPOSURE AND AIR PATHWAYS 20
- 6.1 Physical Conditions 20
- 6.2 Soil and Air Targets 20
- 6.3 Soil Sample Locations 21

6.4 Soil Analytical Results 22
6.5 Air Monitoring 24
6.6 Soil and Air Pathway Conclusions 24

7.0 SUMMARY AND CONCLUSIONS 24

PHOTOGRAPHS

APPENDIX A

REFERENCES

LIST OF TABLES

Table 1. Source Area Sample Locations and Descriptions 7

Table 2. Source Sample (Tank) Inorganic Analytical Results 8

Table 3. Source Sample (Tank) Organic Analytical Results 8

Table 4. Source Sample (Soils) Inorganic Analytical Results 9

Table 5. Source Sample (Soils) Organic Analytical Results 10

Table 6. Groundwater Population Distribution 12

Table 7. Groundwater Sample Locations and Descriptions 13

Table 8. Groundwater Sample Inorganic Analytical Results 13

Table 9. Groundwater Sample Organic Analytical Results 13

Table 10. Surface Water and Sediment Sample Locations and Descriptions 16

Table 11. Surface Water (Isolated Wetland) Sample Organic Analytical Results 16

Table 12. Surface Water (Isolated Wetland) Sample Inorganic Analytical Results 17

Table 13. Surface Water (15-mile) Sample Organic Analytical Results 17

Table 14.	Surface Water (15-mile) Sample Inorganic Analytical Results	18
Table 15.	Sediment Sample (Isolated Wetland) Inorganic Analytical Results	18
Table 16.	Sediment Sample (Isolated Wetland) Organic Analytical Results	19
Table 17.	Sediment Sample (15-mile) Inorganic Analytical Results	19
Table 18.	Sediment Sample (15-mile) Organic Analytical Results	20
Table 19.	Residential Populations Within a 4.0 Mile Radius	21
Table 20.	Soil Sample Locations and Descriptions	22
Table 21.	Soil Sample Inorganic Analytical Results	22
Table 22.	Soil Sample Organic Analytical Results	23

LIST OF FIGURES

Figure 1.	Topographic Site Map	2
Figure 2.	Source Areas/Sample Location Map	3
Figure 3.	Off-site Sample Location Map	6

Tri-County Airport Site
NCN 000 407 205
PHOTOS

1. Photo of 3,000-gallon tank remaining on site with blue tarp covering top where it has completed rusted through.
2. Photo of tank's south side.
3. Photo of empty, rusted drums located in northwest corner of site.
4. Photo of empty containers from current operations located on site.
5. Photo of wetland grasses and plants, looking south towards site.
6. Photo looking north towards site from original tarmac.
7. Photo looking north towards area west of site from original tarmac.
8. Photo of intersection of site and drainage ditch at northeast corner of site.
9. Photo of palustrine emergent wetland area, looking north from site.
10. Photo of 3,000-gallon tank remaining on site.
11. Photo of drip pan located below south end of tank.
12. Photo of bottom of south side of tank and drip pan where evidence of leakage from the tank is present.
13. Photo of empty, rusted drums located in northwest corner of site.
14. Photo of area where background soil samples were collected near main terminal.
15. Photo of on-site well.
16. Photo of drainage patter east of site, looking west towards site.
17. Photo of intersection of the drainage ditch from the site and Cutawhiskie Creek (PPE).
18. Photo of isolated wetlands adjacent to site.
19. Photo of isolated wetlands adjacent to site.
20. Photo of Cutawhiskie Creek and background sample location.

21. Photo of isolated wetlands background sample area.

22. Photo of intersection of site and drainage ditch at northeast corner of site.

EXECUTIVE SUMMARY

The Tri-County Airport site Combined Preliminary Assessment/Site Inspection (cPA/SI) was conducted to gather data necessary to evaluate the need for further remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) at this site.

The site is located on the Tri-County Airport property, which is owned by the Tri-County Airport Authority. The site is an isolated area of approximately 100 feet by 25 feet located north of the old terminal at Tri-County Airport. A 3,000-gallon above-ground storage tank is located in the center of the site. Seven empty, rusted drums are located on the northwest corner of the site.

During the late 1960's, three cotton spray groups were formed and operated out of the airport. The groups consisted of farmers from the Rich Square, Murfreesboro, and Woodland areas. All three groups had storage tanks on site, with each tank providing enough storage for 10 applications of pesticides for the farmers. All three groups disbanded around 1972-1973, and two of the three groups removed their tanks from the airport property.

Also during the 1970's, the NC Department of Agriculture implemented an eradication program for boll weevils in the region. An unknown number of drums containing pesticide were stored and handled at the site. The program went unmonitored, and currently seven drums remain on site.

Various investigations during the late 1980's by the NC Department of Agriculture and the NC Solid Waste Management Section revealed elevated levels of various pesticides present in both the tank remaining on site and the soils around the former pesticide loading area, as well as low levels of DDT present in the airport's drinking water supply well. When sampled during the cPA/SI sampling event, the airport well (which is located approximately 175 feet southwest of the site) had no detectable pesticides present.

Significant levels of pesticides were detected in both the above-ground tank as well as surface soils on the site during the cPA/SI. In addition, an active drip from the tank into the drip pan was observed during the on-site reconnaissance. Both the tank and the drip pan had been partially corroded away and covered in rust. Soil sample results on site greatly exceeded both the NC Soil Remediation Goals and EPA health-based benchmarks for pesticides detected on site.

Two surface water pathways are potentially impacted by the site—an isolated wetland adjacent to the site and Cutawhiskie Creek. Although an observed release to the isolated wetland has occurred, the contaminants and concentrations detected do not pose a significant threat to the surface water pathway. The second surface water pathway, beginning at Cutawhiskie Creek, had no site-attributable contaminants detected in it.

Because of the high levels of pesticides present in both source areas and their potential environmental and drinking water threat, a removal request has been made to the US EPA Region 4's Emergency Response and Removal Branch (ERRB). However, based on the minimal impact to the surface water pathway and absence of site contaminants in the on-site drinking water well, the Tri-County Airport site is recommended for no further remedial action planned (NFRAP) under CERCLA.

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 a Combined Preliminary Assessment/Site Inspection (cPA/SI) at the Tri-County Airport site, Aulander, Hertford County, North Carolina (US EPA ID: NCN 000 407 205). 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, on-site reconnaissance (October 9, 2001), neighbor interviews, and collecting environmental samples (November 7, 2001).

2.0 SITE DESCRIPTION

2.1 Location

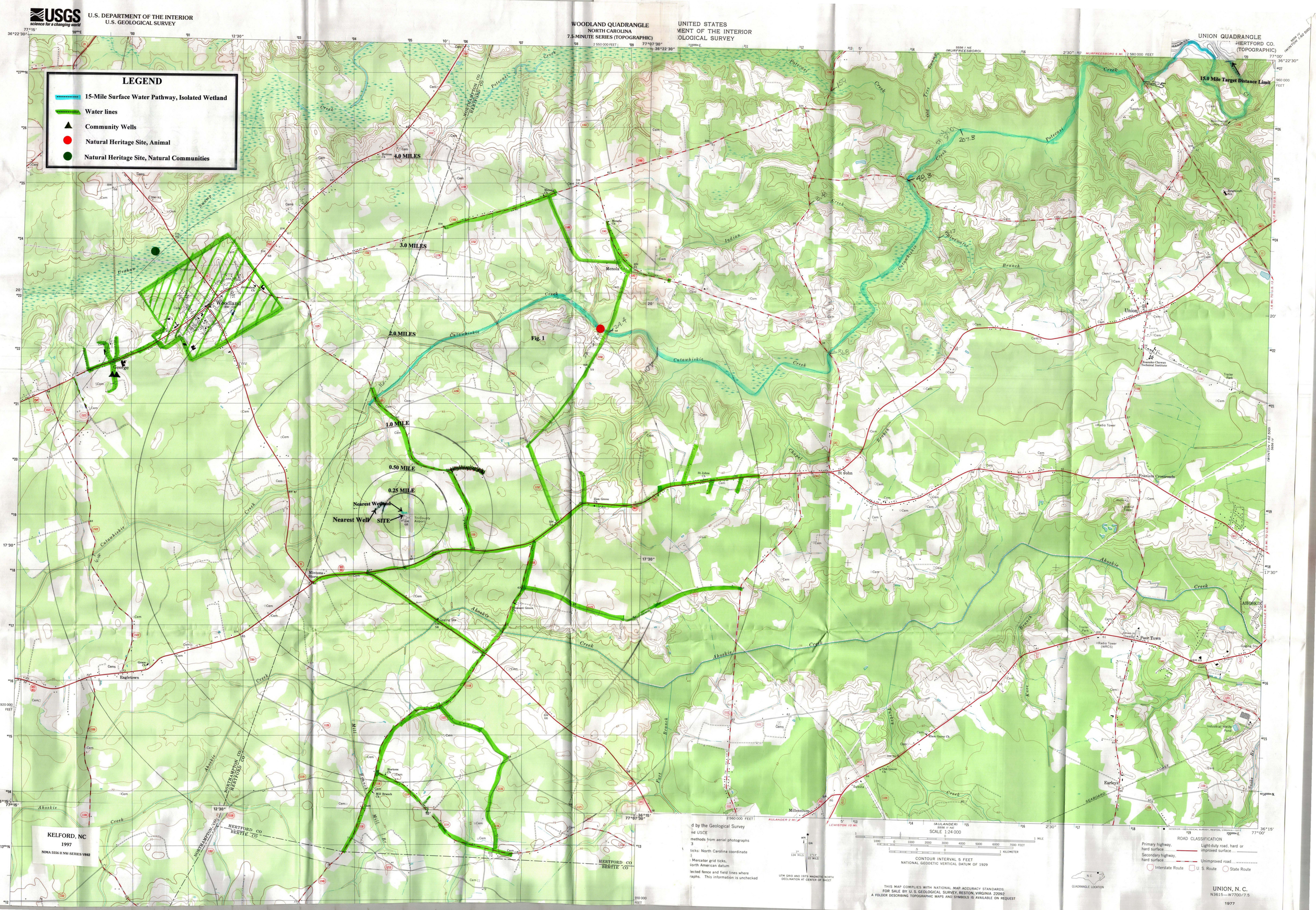
The Tri-County Airport site is located approximately eight miles northwest of Aulander, Hertford County, NC, along Highway 561 (Figure 1). The geographic coordinates for the site are 36° 17' 52.47" north latitude and 77° 10' 20.82" west longitude (Reference 3).

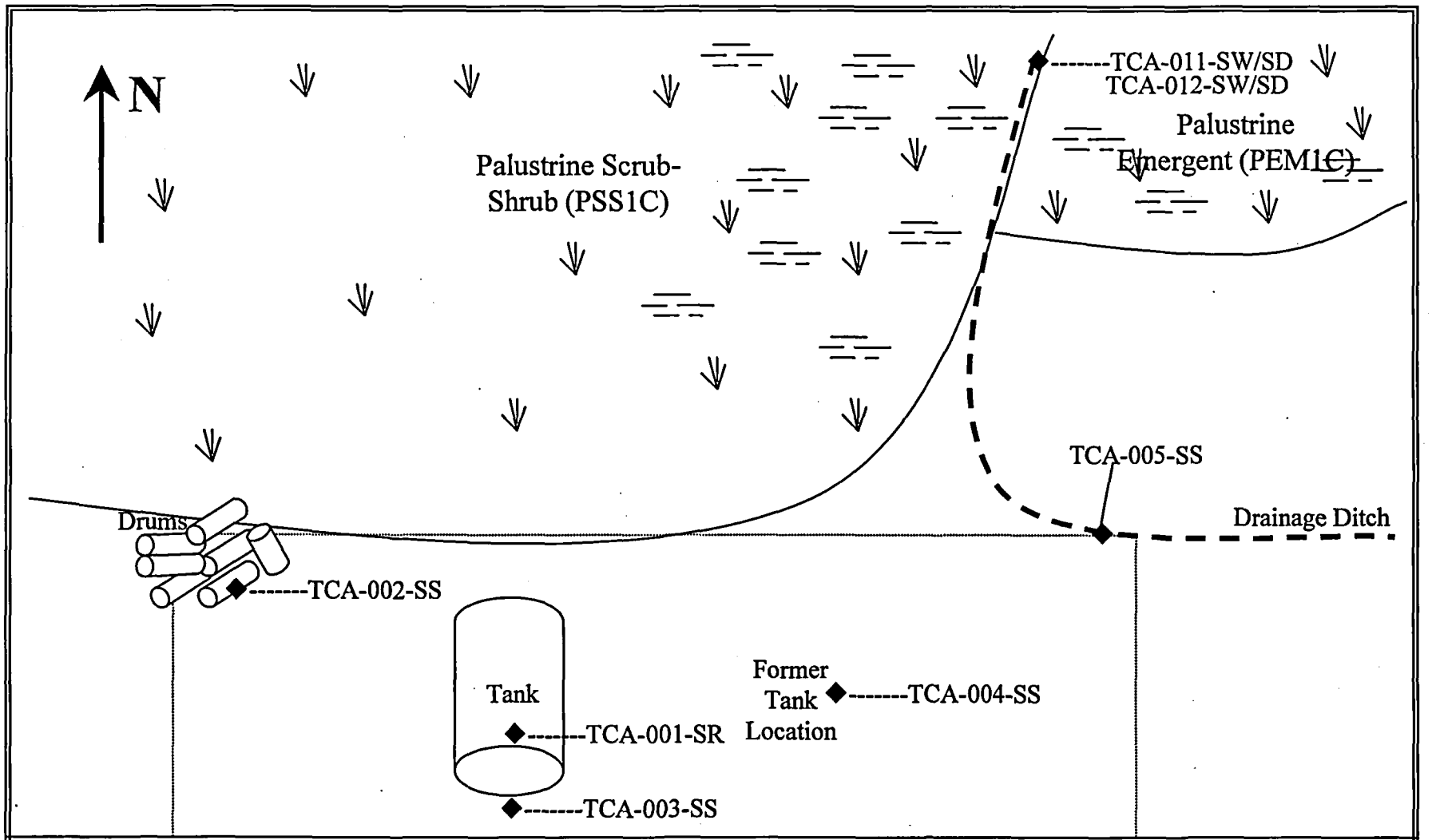
The two-year, twenty-four hour rainfall for Hertford County averages 4 inches (Ref. 4). Normal annual total precipitation averages 47 inches, while mean annual lake evaporation averages 41 inches, therefore, net annual precipitation averages 6.0 inches near the site (Ref. 5, 6).

2.2 Site Description

The site is an isolated area of approximately 100 feet by 25 feet located north of the old terminal at Tri-County Airport. A 3,000-gallon above-ground storage tank is located in the center of the site (Fig. 2, Photos 1 and 2). Seven empty, rusted drums are located on the northwest corner of the site (Fig. 2, Photo 3). The site is covered with sparse vegetation (Photo 4). The site is not fenced and is accessible to the public as witnessed during on-site reconnaissance and the cPA/SI sampling event performed by NC Superfund Section personnel on October 9, 2001 and November 7, 2001 (Ref. 7, 8).

The site is bounded to the north by palustrine scrub-shrub and palustrine emergent wetlands (Fig. 2, Ref. 9, Photo 5). The site is bounded to the south by the original airport tarmac (Fig. 2, Photos 6 and 7). A drainage ditch intersects the northeast corner of the site (Fig. 2, Photo 8). The site is bounded to the east by an open field and to the west by trees (Photos 6, 9).


U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
WOODLAND QUADRANGLE
NORTH CAROLINA
7.5-MINUTE SERIES (TOPOGRAPHIC)
UNITED STATES
MENT OF THE INTERIOR
OLOGICAL SURVEY
UNION QUADRANGLE
HERTFORD CO.
(TOPOGRAPHIC)
LEGEND
15-Mile Surface Water Pathway, Isolated Wetland
Water lines
Community Wells
Natural Heritage Site, Animal
Natural Heritage Site, Natural Communities
4.0 MILES
3.0 MILES
2.0 MILES
1.0 MILE
0.50 MILE
0.25 MILE
Nearest Wetland
Nearest Well
SITE
Fig. 1
15.0 Mile Target Distance Limit
Woodland
George
Menola
St John
Mintons Store
Eagletown
Union
Poor Town
AHOSKIE
Earleys
Millennium
Frazers Crossroads
Tri-County Airport
Cutawhiskie Creek
Potecasi Creek
Ahoskie Creek
Indian Creek
Branch
NORTHAMPTON CO
HERTFORD CO
BERTIE CO
KELFORD, NC
1977
NIMA 5556 II NW-SERIES V842
SCALE 1:24 000
CONTOUR INTERVAL 5 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
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST
ROAD CLASSIFICATION
Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route
U. S. Route
State Route
QUADRANGLE LOCATION
UNION, N. C.
N3615—W7700/7.5
1977
AMS 5556 I SE—SERIES V842



NCDENR	Site: Tri-County Airport	Figure 2
	US EPA ID #: NCN000407205	Date: 12/13/01
	Aulander, Hertford County	Drawn By: MDB
	Approximate Scale: Not To Scale	

2.3 Site/Regulatory History and Waste Characteristics

The site is located on the Tri-County Airport property, which is owned by the Tri-County Airport Authority. During the late 1960's, three cotton spray groups were formed and operated out of the airport. The groups consisted of farmers from the Rich Square, Murfreesboro, and Woodland areas. All three groups had storage tanks on site, with each tank providing enough storage for 10 applications of pesticides for the farmers. All three groups disbanded around 1972-1973, and two of the three groups removed their tanks from the airport property (Ref. 7, 10).

Also during the 1970's, the NC Department of Agriculture implemented an eradication program for boll weevils in the region. An unknown number of drums containing pesticide were stored and handled at the site. The program went unmonitored, and currently seven drums remain on site (Ref. 7, Fig. 2).

In September 1988, responding to requests by local officials, representatives from the NC Department of Agriculture (NCDA) conducted a detailed assessment of the pesticide staging area. In addition to observing multiple abandoned above-ground tanks and a variety of rusted metal containers, particular consideration was given to the parcel's inability to support vegetative cover. Corresponding analytical results confirmed the presence of DDT (856 mg/kg), ethyl parathion (1,939 mg/kg), methyl parathion (5,774 mg/kg), and toxaphene (15,835 mg/kg) in the surface soil (Ref. 10).

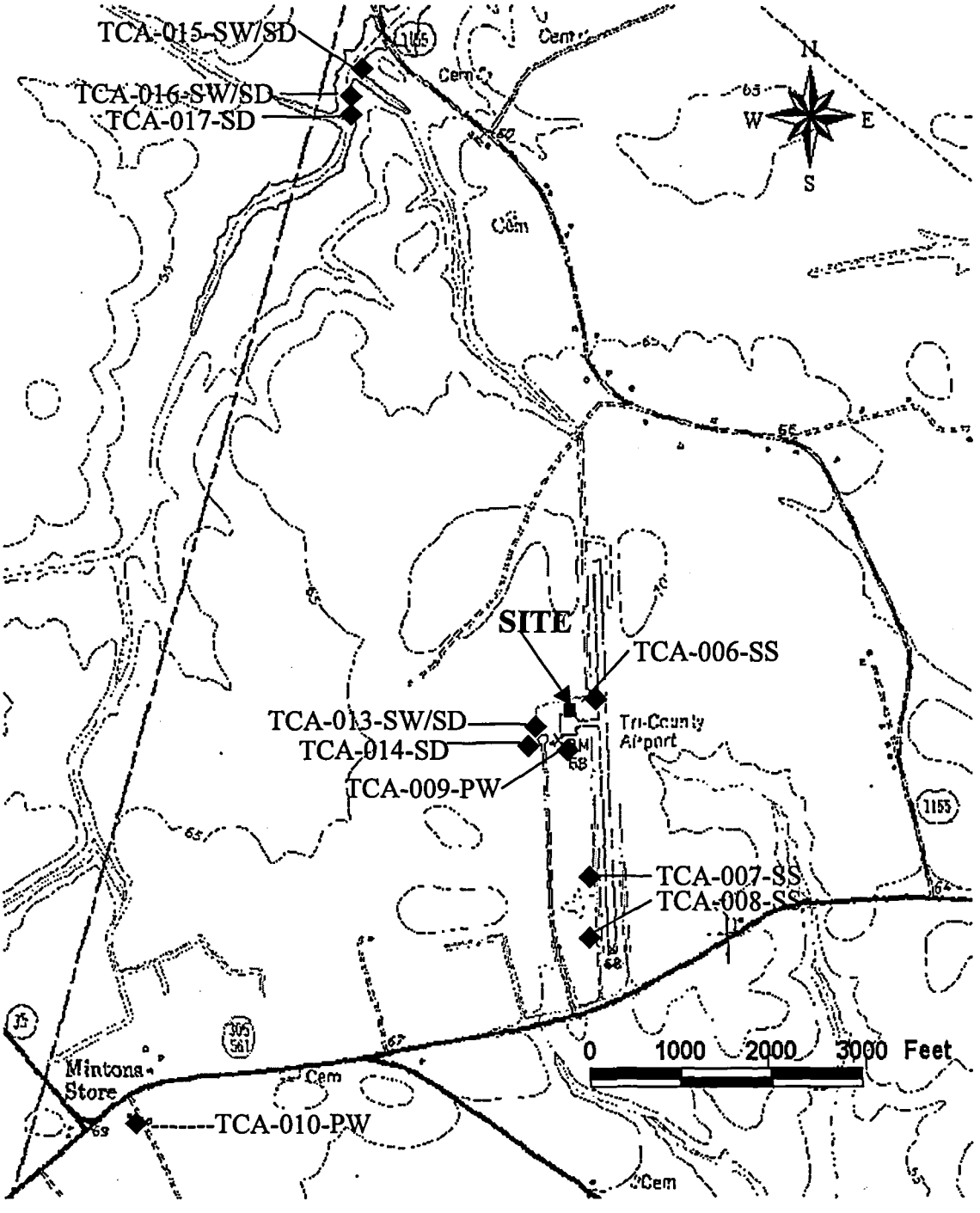
On October 31, 1988, Mr. Henry Joyner, manager of Tri-County Airport, was notified by the NCDA of the sampling results. It was recommended to Mr. Joyner that he contact the NC Department of Human Resources, Solid Waste Management Section (Ref. 11).

Following contact by Mr. Joyner with the Soil Waste Management Section on November 14, 1988, Solid Waste Management staff conducted sampling at the site on December 19, 1988 (Ref. 12). Sampling results indicated the presence of toxaphene (as high as 356,136 mg/kg), DDD (as high as 2,478 mg/kg), DDT (as high as 11,364 mg/kg), and methyl parathion (as high as 86,400 mg/kg) in soils on site (Ref. 13). In addition to the soils, DDT was detected in the airport's drinking water well located on the airport property approximately 175 feet south of the site (Ref. 13, 14). It was recommended that the airport discontinue use of the well as a drinking water source and use bottled water pending further investigation (Ref. 15). Further sampling in February and March 1989 indicated no presence of DDT in the drinking water well or at the tap (Ref. 16, 17).

In October 1999, following flooding caused by Hurricane Floyd in North Carolina, the Tri-County Airport site file was reviewed to determine if the flooding had impacted the site. Though the site had not been flooded during or directly after Hurricane Floyd, further investigation of the file indicated the necessity for a CERCLA screening (Ref. 18). In August 2000, based on the presence of multiple pesticides remaining on site and the previous detection of DDT in the on-site well, the site was added to the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) (Ref. 19).

On October 9, 2001, NC Superfund Section personnel conducted an on-site reconnaissance (Ref. 7). Because of the potential for remaining soil exposure threat to workers and the potential groundwater and surface water targets, the State proceeded with a cPA/SI at the site (Ref. 20).

On November 7, 2001, NC Superfund Section personnel conducted a sampling event at the Tri-County Airport site. Waste samples were collected from a leaking, above-ground storage tank and drip pan remaining on site. Surface soil samples were collected from several suspected source areas remaining on site, as well as from the drainage ditches leading away from the site. Surface water and sediment samples were collected from isolated wetlands bordering the site to the north as well as Cutawhiskie Creek. Groundwater samples were collected from two drinking water wells, one of which is located on the Tri-County Airport property within 200 feet of the source areas (Ref. 8, Fig. 2 and 3).



NCDENR	Site: Tri-County Airport	Figure 3
	US EPA ID #: NCN000407205	Date: 12/13/01
	Aulander, Hertford County	Drawn By: MDB
	Approximate Scale: As Shown	

3.0 WASTE/SOURCE SAMPLING

3.1 Source Locations and Sampling

Based on the observations made during the on-site reconnaissance and previous sampling results, the following are the potential site source areas located on site (Ref. 7, 10, 13).

1. 3,000-gallon leaking above-ground tank.
2. Drip pan with rusted-out bottom below south end of tank.
3. Seven empty drums on northwest corner of site.
4. Area where additional above-ground storage tanks were formerly located.

The sampling plan was chosen to determine the presence of contaminants at the potential site source areas (Ref. 20). Source sample locations for the November 7, 2001 cPA/SI are described in Table 1 and shown in Fig. 2.

Using a peristaltic pump during the November 7, 2001 sampling event, personnel from the NC Superfund Section collected a source sample (TCA-001-SR) from the remaining above-ground storage tank on site (Photo 10). Using trowels, one grab source sample (TCA-003-SS) was collected from the drip pan under the tank and two composite source samples (TCA-002-SS and TCA-004-SS) were collected from the surface soils (Photos 11,12, 13). All samples were analyzed for volatile organics, semi-volatile organics, pesticides, and inorganics. The sample collected from the tank (TCA-001-SR) was a transparent, amber liquid with a slick texture and oily nature. The grab sample from the drip pan (TCA-003-SS) was a black, oily material with pure product mixed with pine needles and rust from the pan. The composite samples (TCA-002-SS and TCA-004-SS) consisted of tan, fine-grained sand (Ref. 8).

Table 1
Source Area Sample Locations and Descriptions
Tri-County Airport, Aulander, Hertford County

Sample ID	Description	Comments	Matrix	Analyses
TCA-001-SR	Waste sample from 3,000-gallon leaking above-ground tank.	Potential source sample.	Concentrate	V, S, M, Pest
TCA-002-SS	Composite surface soil sample near empty drums at northwest corner of site, 0"-6".	Potential source sample.	Soil	V, S, M, Pest
TCA-003-SS	Sludge sample from drip pan with rusted out bottom below south end of tank.	Potential source sample.	Sludge	V, S, M, Pest
TCA-004-SS	Composite surface soil sample from area where additional above-ground storage tanks were formerly located, 0"-6".	Potential source sample.	Soil	V, S, M, Pest

V = volatile organics; S = semi volatiles; M = metals; Pest=pesticides

All sampling was conducted by NC Superfund Section staff according to section SOPs and US EPA Region IV, "Environmental Investigations 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 (including pesticides), and metals (Appendix A).

3.2 Source Sampling Analytical Results

3.2.1 Above-Ground Tank

Analytical results for source sampling of the above-ground tank and associated drip pan conducted during the November 7, 2001 sampling event are included in Appendix A and summarized below in Tables 2 and 3. Tables 2 and 3 list all analytes measured above detection limits in at least one sample. Because these were waste samples, no background sample was necessary.

Table 2
Source Sample (Tank) Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-001-SR	TCA-003-SS
Arsenic	mg/kg	U	3
Barium	mg/kg	U	4.5
Chromium	mg/kg	1	23
Copper	mg/kg	U	67
Iron	mg/kg	46	149,403
Lead	mg/kg	1.5	20
Nickel	mg/kg	U	31
Silver	mg/kg	U	1.5
Zinc	mg/kg	U	129

U=analyzed for but not detected

Table 3
Source Sample (Tank) Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-001-SR	TCA-003-SS
Ethyl benzene	ug/kg	55,500	24,500
Xylenes	ug/kg	561,000	165,000
1,4-Dichlorobenzene	ug/kg	11,000J	U
1,2-Dichlorobenzene	ug/kg	9,500J	U
Naphthalene	ug/kg	380,000	U
Fluorene	ug/kg	165,000	U
Phenanthrene	ug/kg	360,000	U
2-Methylnaphthalane	ug/kg	2,700,000	U
Toxaphene	mg/kg	535,000	U
Methyl parathion	mg/kg	82,000	125

U=analyzed for but not detected

The inorganic analyses of the waste sample inside of the tank indicated the presence of chromium (1 mg/kg), iron (46 mg/kg), and lead (1.5 mg/kg). Several inorganic contaminants were present in the sample collected from the drip pan below the tank (TCA-003-SS), including iron at a concentration of 149,403 mg/kg. Most of these inorganics found in the two waste samples are not typical of this type of pesticide operations, including spray application (Ref. 21). They are more likely the result of extensive rusting and degradation of the tank and drip pan as observed during the on-site reconnaissance and sampling event (Ref. 7 and 8, Photo 1).

Several organic compounds were detected in the sample collected from the tank (TCA-001-SR), including toxaphene (535,000 mg/kg) and methyl parathion (82,000 mg/kg). Only three organic compounds (ethyl benzene at 24,500 ug/kg, total xylenes at 165,000 ug/kg, and methyl parathion at 125 mg/kg) were detected in the drip pan beneath the end of the tank where an active drip was observed during the on-site reconnaissance (Ref. 7, Photo 1).

3.2.2 Contaminated Soil

Analytical results for source sampling of the surface soils conducted during the November 7, 2001 cPA/SI are included in Appendix A and summarized below in Tables 4 and 5. Tables 4 and 5 list all analytes measured above detection limits in at least one sample. Contaminants detected at levels significantly above background in the soil samples 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 higher background concentration for that contaminant or if they were detected in the source sample at a level above background detection limit where not detected in the background. Levels exceeding EPA Soil Benchmarks for the protection of human health and the environment in the soil samples are shaded in Tables 2 and 3 (Ref. 2). Levels exceeding NC Soil Remediation Goals in the soil samples are italicized in Tables 4 and 5 (Ref. 22). Two background samples (TCA-007-SS and TCA-008-SS) were collected to account for spatial variation in concentration of naturally occurring compounds (Photo 14).

Table 4
Source Sample (Soils) Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Soil Remediation Goals	EPA Soil Benchmark	TCA-002-SS	TCA-004-SS	TCA-007-SS Bkgd.	TCA-008-SS Bkgd.
Arsenic	mg/kg	4.4	23	**1.5**	1	U	U
Barium	mg/kg	NA	5500	11	13.5	66	62
Chromium	mg/kg	30	390	10	8.5	14	14.5
Copper	mg/kg	580	NA	10.5	**28**	7	6
Iron	mg/kg	NA	NA	13,896	11,467	10,622	13,016
Lead	mg/kg	400	NA	**135**	24	17	23
Nickel	mg/kg	320	1600	3.5	3	5	4.5
Zinc	mg/kg	4600	23,000	9.5	16.5	29	24

Values in **bold** indicate concentrations greater than three times background.
U=analyzed for but not detected
1-Ref. 2; 2-Ref. 22

Table 5
Source Sample (Soils) Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Soil Remediation Goals	EPA Soil Benchmark	TCA-002-SS	TCA-004-SS	TCA-007-SS Bkgd.	TCA-008-SS Bkgd.
Toluene	ug/kg	3,200,000	16,000,000	U	U	trace[C]	U
1,4-Dichlorobenzene	ug/kg	3,400	27,000	trace	U	U	U
Toxaphene	mg/kg	0.44	0.58	***272,000***	***4,943***	U	U
DDE	mg/kg	1.7	1.9	***64***	***34***	U	0.003[1/]
DDD	mg/kg	2.4	2.7	***11,000***	***4,767***	U	0.010[1/]
DDT	mg/kg	1.7	1.9	***7,276***	***3,470***	U	U
Permethrin	mg/kg	NA	NA	U	**0.003**[1/]	U	U
Cypermethrin	mg/kg	NA	NA	U	**0.910**	U	U
Fenvalerate	mg/kg	NA	NA	U	**1.137**	U	U

Values in **bold** indicate concentrations greater than three times background.
Values that are **shaded** indicate concentrations which exceed the EPA Soil Benchmarks.
Values that are **italicized** indicate concentrations which exceed the NC Remediation Goal for Soils.
trace=present but below MDL
J=estimated value
C=possible lab contamination or background
1/=levels below EDL/MDL detected
U=analyzed for but not detected
1-Ref. 2; 2- Ref. 22

The inorganic analyses revealed elevated levels of arsenic (1.5 mg/kg) and lead (135 mg/kg) in surface soil sample TCA-002-SS and arsenic (1 mg/kg) and copper (28 mg/kg) in surface soil sample TCA-004-SS. These concentrations were all significantly above background; however, the concentrations were all below the NC Soil Remediation Goals and EPA's health-based benchmarks (Ref. 2, 22).

The organic analyses revealed significant levels of toxaphene, DDE, DDD, and DDT in both on-site soil samples (TCA-002-SS and TCA-004-SS). All of these contaminants in both of the samples greatly exceeded both their NC Soil Remediation Goals and their EPA health-based benchmarks (Ref. 2, 22). In addition to the above, sample TCA-004-SS also contained the pesticides permethrin (0.003 mg/kg), cypermethrin (0.910 mg/kg) and fenvalerate (1.137 mg/kg) at significant levels. However, there are currently no federal or state benchmarks or goals for the protection of human health or the environment for these three contaminants (Ref. 2, 22).

3.3 Source Area/Volume

Based on the measurements taken during the sampling event and on-site reconnaissance, and the location of samples taken during the cPA/SI and previous investigations, the volume of the tank remaining on site is 3,000 gallons and the area of contaminated soil is 2,500 square feet (0.057 acres) (Ref. 7, 8, 10, 13).

3.4 Source Area Conclusions

Significant levels of organic compounds were detected in both the above-ground tank as well as surface soils on the site. An active drip from the tank into the drip pan was observed during the on-site reconnaissance. Both the tank and the drip pan had been partially corroded away and covered in rust. Soil sample results greatly exceeded both the NC Soil Remediation Goals and EPA health-based benchmarks for pesticides detected on site.

4.0 GROUNDWATER PATHWAY

4.1 Hydrogeologic Setting

The site is located within the Atlantic Coastal Plain Province, which entirely encompasses Hertford County. This area is characterized by a broad, flat surface that slopes gently toward the southeast. Elevations in the area range from about 135 feet above sea level along the western border to sea level along the Albemarle and Pamlico Sounds (Ref. 23).

Four separate aquifers underlie the site. The surficial aquifer, which consists of fine sand, silt, clay, shell, and peat beds, overlies all of the North Carolina Coastal Plain. The surficial aquifer ranges from a few feet to about 30 feet in thickness. The next underlying aquifer is the Yorktown, which is largely composed of fine sand, silty and clayey sand, and sand with shells and shell beds, with some limestone and coarse sand beds also present. In the western Coastal Plain, the Yorktown aquifer is relatively thin, less than 20 feet thick in many places. The Upper Cape Fear aquifer is found below the Yorktown aquifer, consisting of alternating beds of sand and clay and averaging slightly more than 100 feet in thickness. The final aquifer beneath the site, which itself is underlain by basement rocks, is the Lower Cape Fear aquifer. This aquifer consists of older sand beds of the Cape Fear Formation and ranges from a few feet at its western margin to more than 400 feet in the northeastern Coastal Plain (Ref. 24).

The hydraulic conductivity of the geologic material in the unsaturated zone beneath the source areas is estimated to be 1.0×10^{-4} centimeters per second (cm/sec) (Ref. 1). The underlying soil type for the source area is mapped as Leaf clay. This soil is poorly drained, sloping less than 1% with very slow permeability (Ref. 25).

4.2 Groundwater Targets

The Town of Woodland operates a municipal water distribution system that supplies water to approximately 1,043 people within the Town and the unincorporated area of George (Ref. 26, 27). Woodland's two community wells are located outside the limits of the town near the area of George and are the only public water system wells located within the 4-mile radius of the site (Ref. 26).

The drinking water supply for the airport is an on-site well (Ref. 7, Photo 15). The nearest private well is located approximately 0.35 northwest of the site along a dirt road (Fig. 1). There are three major sources of water for residential users in the 4-mile radius of the site: the

Town of Woodland water system, a newly-constructed portion of the Hertford County water system, or private wells (Ref. 27 and 28, Fig. 1). There are currently no wellhead protection areas within a 4.0-mile radius of the site (Ref. 29).

Using Figure 1, a topographic map house count was performed for houses within a 4-mile radius of the site that are not currently supplied potable water by either the Woodland or Hertford County municipal water systems. The total number of houses counted was then multiplied by 2.48, the 2000 US Census data average for the number of persons per household in Hertford County (Ref. 30). The total population estimated to use groundwater as their primary source of drinking water within a 4-mile radius of the site is 1,695. The distribution of groundwater users is presented below in Table 6.

Table 6
Groundwater Population Distribution
Tri-County Airport, Aulander, Hertford County

Distance (miles)	Community Well Population (a)	Private Well Population (b)	Total Groundwater Population
0 - 0.25	0	2(c)	2
0.25 - 0.50	0	2	4
0.50 - 1.0	0	20	24
1.0 - 2.0	0	102	126
2.0 - 3.0	0	144	270
3.0 - 4.0	1,043	382	1695

(a) Publicly owned community and municipal wells that are regulated by NC (Ref. 26).
(b) Based on the topographic map house count, multiplied by 2.48, the 2000 US Census average for Columbus Co. (Ref. 30).
(c) Population (full-time workers) served by on-site well (Ref. 7).

4.3 Groundwater Pathway Sample Locations

Groundwater sampling for the sampling event was concentrated on one on-site well and one private well listed in Table 7. The on-site well (TCA-009-PW) is located on the Tri-County Airport property and within 200 feet of the site (Fig. 3, Ref. 7). A background sample was collected from a private well (TCA-010-PW) located southwest of the site (Fig. 3). The two wells ranged from 40 to 175 feet in depth (Ref. 7).

All sampling was conducted by NC Superfund Section staff according to section SOPs and US EPA Region IV, "Environmental Investigations 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, pesticides, and metals (Appendix A).

Table 7
Groundwater Sample Locations and Descriptions
Tri-County Airport, Aulander, Hertford County

Sample ID	Location	Type	Analyses
TCA-009-PW	On-site well	Commercial	V, S, M, Pest
TCA-010-PW	Bryant well (Background)	Private	V, S, M, Pest

V = volatile organics; S = semi volatiles; M = metals; Pest=pesticides

4.4 Groundwater Pathway Analytical Results

Analytical results for groundwater sampling conducted during the November 7, 2001 cPA/SI are included in Appendix A and summarized in Tables 8 and 9. Tables 8 and 9 list analytes measured above detection limits in at least one sample. 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 the contaminant or if they were detected in the on-site sample at a level above background limit where not detected in the background sample (TCA-011-PW).

Table 8
Groundwater Sample Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Ground water Remediation Goals	EPA Groundwater Benchmark	TCA-009-PW	TCA-010-PW Bkgd.
Barium	mg/l	2.0	2.0	0.10	0.12
Iron	mg/l	NA	NA	**1.09**	0.14
Zinc	mg/l	2.1	11	**0.20**	U

Values in **bold** indicate concentrations greater than three times background.
U=analyzed for but not detected
1-Ref. 2; 2-Ref. 22

Table 9
Groundwater Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Ground water Remediation Goals	EPA Groundwater Benchmark	TCA-009-PW	TCA-010-PW Bkgd.
1,2-Dichloroethane	ug/l	0.38	0.94	U	trace

trace=present but below MDL
U=analyzed for but not detected
1-Ref. 2; 2-Ref. 22

The inorganic analyses indicated iron (1.09 mg/l) and zinc (0.20 mg/l) were present in the on-site well (TCA-009-PW) at levels significantly above background (TCA-010-PW). However, neither of these values exceeded the NC Groundwater Remediation Goals or the EPA health-based benchmarks (Ref. 2, 22). In addition, these constituents cannot be attributed to the previous pesticide storage and application operations present on site and are probably the results of age of the well and presence of galvanized piping in the well (Ref. 31).

The organic analyses indicated that no organic compounds were present in either the on-site drinking water well (TCA-009-PW) or the background drinking water well (TCA-010-PW).

4.5 Groundwater Pathway Conclusions

The inorganic analyses indicated iron and zinc were present at levels significantly greater than background in the on-site well (TCA-009-PW). However, these constituents are not attributable to the previous pesticide operations on site. The organic analyses indicated that no organic compounds were present in any of the drinking water wells. Therefore, the hazard of human exposure to site contaminants in the groundwater pathway is considered to be minimal.

5.0 SURFACE WATER PATHWAY

5.1 Hydrologic Setting

All source areas are located outside the 500-year floodplain (Ref. 32). The 2-year, 24-hour rainfall near the site averages 4 inches (Ref. 4). The site is an isolated area of approximately 100 feet by 25 feet located north of the old terminal at Tri-County Airport. A 3,000-gallon above-ground storage tank is located in the center of the site. Seven empty, rusted drums are located on the northwest corner of the site (Fig. 2, Photo 3). The site is covered with sparse vegetation (Photo 4).

Drainage flows west to east and south to north on the site. Stormwater from the site flows into an intermittent drainage ditch that intersects the northeast corner of the site (Photo 8). During dry conditions, water in the ditch flows approximately 27 feet northwest of the entry point into the ditch, whereupon it enters an isolated palustrine emergent/palustrine scrub-shrub (PEM/PSS) wetland adjacent to the site (Ref. 7, 8, 9). During wet conditions, water entering the ditch also flows approximately 400 feet east of the site, where it enters a second ditch that runs north along the airport runway (Photo 16, Fig. 1). Flow follows this second ditch northward for approximately 1.5 miles at which point it enters Cutawhiskie Creek (Photo 17). The estimated flow in Cutawhiskie Creek at the probable point of entry (PPE) is 17.82 cubic feet per second (cfs) (Ref. 33). The entire isolated wetland and Fifteen-Mile surface water pathway consist of fresh-water bodies that are not tidally influenced.

5.2 Surface Water Targets

There are no surface water intakes located downstream from the site within the 15.0 mile surface water pathway target distance limit (Fig. 1, Ref. 34). According to the National Wetlands Inventory Maps, there are a total of 0.175 miles of wetland frontage along the isolated wetland from the PPE to the sample location and 14.35 miles of hydrologically-connected wetland frontage along Cutawhiskie Creek and Potecasi Creek from the PPE to the end of the 15.0 mile surface water pathway (Ref. 9). The nearest wetland is the isolated wetland adjacent to the site (Fig. 1, Ref. 9).

According to the NC Wildlife Resources Commission, there is no fishing activity anywhere along Cutawhiskie Creek. However, Potecasi Creek supports heavy fishing activities, especially upstream and downstream of NC Highway 11. Fished species include large-mouth bass, bluegill, pumpkin seed, yellow perch, which catfish, and yellow bullheads (Ref. 35). Potecasi Creek, the nearest fishery, is located 9.65 miles downstream of the PPE on Cutawhiskie Creek (Fig. 1).

One animal species classified as a NC significantly rare species as well as a federal species of concern, the Chowanoke Crayfish, was identified by the Natural Heritage Program within the 15.0 mile surface water pathway. It is located approximately 3.15 miles downstream of the PPE in Cutawhiskie Creek. No additional endangered or threatened species, special concern species, or sensitive environments were identified within either of the surface water pathways (Ref. 36).

5.3 Surface Water Pathway Sample Locations

During the November 7, 2001 sampling event, the NC Superfund Section collected two sets of surface water and sediment samples from the isolated wetland adjacent to the site, two surface water and three sediment samples from Cutawhiskie Creek, and two sediment samples from an isolated wetland west of the site (Photos 17, 18, 19, 20, 21). The sample locations are presented below in Table 10 and shown on Figs. 2 and 3.

All sampling was conducted by NC Superfund Section staff according to section SOPs and US EPA Region IV, "Environmental Investigations 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, pesticides, and metals (Appendix A).

Table 10
Surface Water and Sediment Sample Locations and Descriptions
Tri-County Airport, Aulander, Hertford County

Sample ID	Description	Comments	Matrix	Analyses
TCA-011-SD TCA-011-SW	Isolated wetland adjacent to site.	Document release to wetland.	Sediment Aqueous	V, S, M, Pest
TCA-012-SD TCA-012-SW	Isolated wetland adjacent to site; duplicate of TCA-011-SW/SD.	Document release to wetland.	Sediment Aqueous	V, S, M, Pest
TCA-013-SD	Isolated wetland sample.	Background sample.	Sediment	V, S, M, Pest
TCA-014-SD	Isolated wetland sample.	Background sample.	Sediment	V, S, M, Pest
TCA-015-SD TCA-015-SW	Cutawhiskie Creek at intersection of drainage ditch; PPE.	Document release to surface water.	Sediment Aqueous	V, S, M, Pest
TCA-016-SD TCA-016-SW	Cutawhiskie Creek upstream of PPE.	Background sample.	Sediment Aqueous	V, S, M, Pest
TCA-017-SD	Cutawhiskie Creek upstream of PPE.	Background sample.	Sediment	V, S, M, Pest

V = volatile organics; S = semi volatiles; M = metals; Pest=pesticides

5.4 Surface Water Pathway Analytical Results

5.4.1 Surface Water Samples

5.4.1.1 Isolated Wetland

Surface water analytical results can be found in Appendix A and are summarized in Tables 11 and 12. Tables 11 and 12 list all analytes measured above detection limits in at least one sample. Levels exceeding the AWQC benchmark for the protection of the environment are shaded in Tables 11 and 12 (Ref. 2). No background surface water samples were able to be collected due to the lack of water in the background wetland sample location (Ref. 8).

Table 11
Surface Water (Isolated Wetland) Sample Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	AWQC Benchmarks	TCA-011-SW	TCA-012-SW
Arsenic	ug/l	0.057	1	1
Barium	ug/l	2000	140	110
Chromium	ug/l	180	30	24
Iron	ug/l	1000	15,800	13,000
Lead	ug/l	15	16	12
Zinc	ug/l	11,000	60	U

Values shaded indicate concentrations greater than the AWQC Benchmark.
U=analyzed for but not detected
1-Ref. 2

Table 12
Surface Water (Isolated Wetland) Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	AWQC Benchmarks	TCA-011-SW	TCA-012-SW
Acetone	ug/l	3,700	56.8J	65.4J
Toluene	ug/l	1,000	24.2	15.4
DDE	mg/l	0.00025	<0.0001 1/	<0.0001 1/
DDD	mg/l	0.00036	<0.0001 1/	<0.0001 1/

J=estimated value
U=analyzed for but not detected
1-Ref. 2

The inorganic analysis revealed levels of arsenic (1 ug/l), iron (15,800 ug/l), and lead (16 ug/l) in sample TCA-011-SW and arsenic (1 ug/l) and iron (13,000 ug/l) in sample TCA-012-SW which exceeded the AWQC benchmarks for the protection of the environment for each of these contaminants (Ref. 2).

5.4.1.2 Fifteen-mile Surface Water Pathway

Surface water analytical results can be found in Appendix A and are summarized in Tables 13 and 14. Tables 13 and 14 list all analytes measured above detection limits in at least one sample. Levels exceeding the AWQC benchmark for the protection of the environment are shaded in Tables 13 and 14 (Ref. 2).

Table 13
Surface Water (Fifteen-Mile) Sample Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	AWQC Benchmarks	TCA-015-SW	TCA-016-SW Bkgd.
Arsenic	ug/l	0.057	U	1
Barium	ug/l	2000	80	100
Chromium	ug/l	180	U	U
Iron	ug/l	1000	2,970	4,080
Lead	ug/l	15	U	U
Zinc	ug/l	11,000	U	U

Values shaded indicate concentrations greater than the AWQC Benchmark.
U=analyzed for but not detected
1-Ref. 2

Table 14
Surface Water (Fifteen-Mile) Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	AWQC Benchmarks	TCA-015-SW	TCA-016-SW Bkgd.
Acetone	ug/l	3,700	16.8J	17.5J
Toluene	ug/l	1,000	0.9	0.8
DDE	mg/l	0.00025	U	U
DDD	mg/l	0.00036	U	U

J=estimated value
U=analyzed for but not detected
1-Ref. 2

The inorganic analyses indicated no contaminants were present at levels significantly greater than background in the PPE sample (TCA-015-SW) collected from Cutawhiskie Creek (Photo 20). However, iron was detected in both of the surface water samples (background and release) and arsenic was detected in the background surface water samples at levels which exceed the AWQC benchmarks of 1,000 ug/l and 0.057 ug/l, respectively.

The organic analyses indicated that no organic compounds were present in either of the surface water release samples at levels significantly above background.

5.4.2 Sediment Samples

5.4.2.1 Isolated Wetland

Sediment sample analytical results are included in Appendix A and are summarized in Tables 15 and 16. Tables 15 and 16 list all analytes measured above detection limits in at least one sample. Two background samples (TCA-013-SD and TCA-014-SD) were collected to account for spatial variation.

Table 15
Sediment Sample (Isolated Wetland) Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-011-SD	TCA-012-SD	TCA-013-SD Bkgd.	TCA-014-SD Bkgd.
Arsenic	mg/kg	U	U	U	1
Barium	mg/kg	46	50	58	45
Chromium	mg/kg	9.5	11	15	12
Copper	mg/kg	8	10	9.5	8.5
Iron	mg/kg	5,816	6,108	8,210	6,169
Lead	mg/kg	10	12	16	14
Mercury	mg/kg	U	U	0.02	U
Nickel	mg/kg	2.5	3	4.5	3.5
Zinc	mg/kg	11	14.5	17	13.5

Values in **bold** indicate concentrations greater than three times background.
U=analyzed for but not detected

Table 16
Sediment (Isolated Wetland) Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-011-SD	TCA-012-SD	TCA-013-SD Bkgd.	TCA-014-SD Bkgd.
Acetone	mg/kg	**17.7J**	**16.9J**	U	U
Toluene	mg/kg	trace	**0.5**	U	U
DDE	mg/kg	**0.004**1/	**0.003**1/	U	U
DDD	mg/kg	**0.002**1/	**0.007**1/	U	U

Values in **bold** indicate concentrations greater than three times background.
J=Estimated value.
1/=levels below EDL/MDL detected
trace=present, but below MDL
U=analyzed for but not detected

The organic analyses revealed acetone, toluene, DDE, and DDD present in both sediment samples collected from the isolated wetland (TCA-011-SD and TCA-012-SD) at levels significantly above background (TCA-013-SD and TCA-014-SD). Whereas DDE and DDT are attributable to soil contamination on site, acetone and toluene are not attributable to the site contaminants.

The inorganic analyses indicated that no constituents were present in either of the sediment release samples at levels significantly above background.

5.4.2.2 Fifteen-Mile Surface Water Pathway

Sediment sample analytical results are included in Appendix A and are summarized in Tables 17 and 18. Tables 17 and 18 list all analytes measured above detection limits in at least one sample. Two background samples (TCA-016-SD and TCA-017-SD) were collected to account for spatial variation.

Table 17
Sediment (Fifteen-Mile) Sample Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-015-SD	TCA-016-SD Bkgd.	TCA-017-SD Bkgd.
Arsenic	mg/kg	U	U	U
Barium	mg/kg	**37**	9	9
Chromium	mg/kg	**12**	2	2.5
Copper	mg/kg	**10.5**	7	6.5
Iron	mg/kg	**5,184**	869	781
Lead	mg/kg	**8**	4	4
Mercury	mg/kg	U	U	U
Nickel	mg/kg	**9**	2.5	2
Zinc	mg/kg	**31**	8.5	8.5

Values in **bold** indicate concentrations greater than three times background.
U=analyzed for but not detected

Table 18
Sediment (Fifteen-Mile) Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	TCA-015-SD	TCA-016-SD Bkgd.	TCA-017-SD Bkgd.
Toluene	mg/kg	U	U	0.5

Values in **bold** indicate concentrations greater than three times background.
J=Estimated value.
1/=levels below EDL/MDL detected
trace=present, but below MDL
U=analyzed for but not detected

The inorganic analyses indicated barium (37 mg/kg), chromium (12 mg/kg), iron (5,184 mg/kg), nickel (9 mg/kg), and zinc (31 mg/kg) were present at levels significantly greater than background in the PPE sample (TCA-015-SD) collected from Cutawhiskie Creek. However, none of the inorganics are attributable to the site. The organic analyses indicated that no organic compounds were present in the sediment sample collected at the PPE in Cutawhiskie Creek.

5.5 Surface Water Pathway Conclusions

The analytical results from the sediment samples indicate a release of site contaminants (specifically, DDE and DDD) to the isolated wetland adjacent to the site. The Fifteen-Mile surface water pathway, however, had no contaminants attributable to the site detected at the PPE. Although an observed release to the isolated wetland has occurred, the contaminants and concentrations detected do not pose a significant threat to the surface water pathway.

6.0 SOIL EXPOSURE AND AIR PATHWAYS

6.1 Physical Conditions

The underlying soil type for the source area is mapped as Leaf clay. This soil is poorly drained, sloping less than 1% with very slow permeability (Ref. 25). The site is covered with sparse vegetation. The site is accessible to the public as witnessed during on-site reconnaissance and the cPA/SI sampling event performed by NC Superfund Section personnel on October 9, 2001 and November 7, 2001 (Ref. 7, 8).

6.2 Soil and Air Targets

Workers were observed on the property during both the on-site reconnaissance and the cPA/SI sampling event (Ref. 7, 8). There are no residences, day care centers, or schools located on site or within 200 feet of the source areas. Based on statistics provided by the North Carolina Center for Geographic Information and Analysis, a total of 1,963 people live within a 4-mile radius of the site (Ref. 37). The population distribution within the 4.0 mile radius is summarized in Table 19.

Table 19
Residential Population Within a 4.0 Mile Radius
Tri-County Airport, Aulander, Hertford County

Distance Radius	Total Population
0 – ¼ mile	3
¼ - ½ mile	11
½ - 1 mile	44
1 - 2 mile	221
2 - 3 mile	1,201
3 - 4 mile	1,963

No terrestrial sensitive environments have been identified on areas of contamination. The NC Natural Heritage Program has identified no endangered or threatened plant or animal species located on site or within 200 feet of any of the source areas (Ref. 36). The nearest wetland is an approximately 0.5-acre wetland located adjacent to the north side of the site (Ref. 9).

6.3 Soil Sample Locations

During the November 7, 2001 sampling event, personnel from the NC Superfund Section collected soil samples from two areas of potential soil contamination on site, two from the drainage ditches adjacent to and near the site, and two background samples. These sample locations are listed in Table 20 and shown on Fig. 2 and Fig. 3. Soil samples TCA-002-SS and TCA-004-SS were collected on site to document an observed release to the soil exposure pathway and characterize the source areas as well. Soil sample TCA-005-SS was collected from the drainage ditch that intersects the northeast corner of the site to document overland flow and attribution from the site (Photo 22). Soil sample TCA-006-SS was collected along the runway where the drainage ditch leading from the site intersects the drainage ditch that follows the runway to the north (Photo 16) Background samples TCA-007-SS and TCA-008-SS were collected south of the site on the airport property in an area of similar soil and cover not believed to be impacted by the Tri-County Airport site (Fig. 3).

All sampling was conducted by NC Superfund Section staff according to section SOPs and US EPA Region IV, "Environmental Investigations 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, pesticides, and metals (Appendix A).

Table 20
Soil Sample Locations and Descriptions
Tri-County Airport, Aulander, Hertford County

Sample ID	Description	Comments	Matrix	Analyses
TCA-002-SS	Composite surface soil sample near empty drums at northwest corner of site, 0"-6".	Potential source sample.	Soil	V, S, M, Pest
TCA-004-SS	Composite surface soil sample from area where additional above-ground storage tanks were formerly located, 0"-6".	Potential source sample.	Soil	V, S, M, Pest
TCA-005-SS	Grab surface soil sample from drainage ditch adjacent to site, 0"-6".	Overland flow pathway.	Soil	V, S, M, Pest
TCA-006-SS	Grab surface soil sample from drainage ditch adjacent to runway, 0"-6".	Overland flow pathway.	Soil	V, S, M, Pest
TCA-007-SS	Grab surface soil upgradient of site, 0"-6".	Background sample.	Soil	V, S, M, Pest
TCA-008-SS	Grab surface soil upgradient of site, 0"-6".	Background sample.	Soil	V, S, M, Pest

V = volatile organics; S = semi volatiles; M = metals; Pest=pesticides

6.4 Soil Analytical Results

Analytical results for soil sampling conducted during the November 7, 2001 sampling event are included in Appendix A and summarized in Tables 21 and 22. Tables 21 and 22 list all analytes measured above detection limits in at least one sample. Contaminants detected at levels significantly above background are shown in bold. Levels exceeding EPA health-based soil benchmarks for residential exposures are identified by shading in Tables 21 and 22 (Ref. 2). Levels exceeding NC Soil Remediation Goals in the soil samples are italicized in Tables 22 and 23 (Ref. 22). Two background samples (TCA-007-SS and TCA-008-SS) were collected to account for spatial variation in concentration of naturally occurring compounds.

Table 21
Soil Sample Inorganic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Soil Remediation Goals	EPA Soil Benchmark	TCA-002-SS	TCA-004-SS	TCA-005-SS	TCA-006-SS	TCA-007-SS Bkgd.	TCA-008-SS Bkgd.
Arsenic	mg/kg	4.4	23	**1.5**	1	U	U	U	U
Barium	mg/kg	NA	5500	11	13.5	46	38	66	62
Chromium	mg/kg	30	390	10	8.5	9.5	18	14	14.5
Copper	mg/kg	580	NA	10.5	**28**	59	8	7	6
Iron	mg/kg	NA	NA	13,896	11,467	7,054	12,490	10,622	13,016
Lead	mg/kg	400	NA	**135**	24	53	17	17	23
Nickel	mg/kg	320	1600	3.5	3	3	3	5	4.5
Zinc	mg/kg	4600	23,000	9.5	16.5	22	12.5	29	24

Values in **bold** indicate concentrations greater than three times background.
U=analyzed for but not detected
1-Ref. 2; 2-Ref. 22

Table 22
Soil Sample Organic Analytical Results
Tri-County Airport, Aulander, Hertford County

Contaminant	Units	NC Soil Remediation Goals	EPA Soil Benchmark	TCA-002-SS	TCA-004-SS	TCA-005-SS	TCA-006-SS	TCA-007-SS Bkgd.	TCA-008-SS Bkgd.
Chloromethane	ug/kg	1,200	49,000	U	U	trace[C]	U	U	U
Acetone	ug/kg	320,000	7,800,000	U	U	102.8J	U	U	U
Carbon Disulfide	ug/kg	72,000	7,800,000	U	U	trace	U	U	U
2-Butanone	ug/kg	NA	NA	U	U	13.6J	U	U	U
Benzene	ug/kg	650	22,000	U	U	26.0	U	U	U
1,2-Dichloroethane	ug/kg	350	7,000	U	U	1.3	U	U	U
Toluene	ug/kg	3,200,000	16,000,000	U	U	2,038.9J	trace[C]	trace[C]	U
Chlorobenzene	ug/kg	30,000	1,600,000	U	U	2.3	U	U	U
Ethyl benzene	ug/kg	300,000	7,800,000	U	U	37.2	U	U	U
Xylenes	ug/kg	280,000	160,000,000	U	U	158.2	U	U	U
1,4-Dichlorobenzene	ug/kg	3,400	27,000	Trace	U	1.8	U	U	U
1,2-Dichlorobenzene	ug/kg	1,400,000	7,000,000	U	U	1.1	U	U	U
Toxaphene	mg/kg	0.44	0.58	*272,000*	*4,943*	U	U	U	U
DDE	mg/kg	1.7	1.9	*64*	*34*	*13*	0.015[1/]	U	0.003[1/]
DDD	mg/kg	2.4	2.7	*11,000*	*4,767*	*1,363*	0.078[1/]	U	0.010[1/]
DDT	mg/kg	1.7	1.9	*7,276*	*3,470*	*301*	U	U	U
Permethrin	mg/kg	NA	NA	U	**0.003**[1/]	0.016[1/]	U	U	U
Cypermethrin	mg/kg	NA	NA	U	**0.910**	U	U	U	U
Fenvalerate	mg/kg	NA	NA	U	**1.137**	0.040[1/]	U	U	U

Values in **bold** indicate concentrations greater than three times background.
Values that are **shaded** indicated concentrations which exceed the EPA health-based benchmarks.
Values that are **italicized** indicate concentrations which exceed the NC Remediation Goal for Soils.
J=estimated value
trace=present but below MDL
C=possible lab contamination or background
1/=levels below EDL/MDL detected
U=analyzed for but not detected
1-Ref. 2; 2-Ref. 22

The inorganic analyses revealed elevated levels of arsenic (1.5 mg/kg) and lead (135 mg/kg) in surface soil sample TCA-002-SS and arsenic (1 mg/kg) and copper (28 mg/kg) in surface soil sample TCA-004-SS. These concentrations were all significantly above background; however, the concentrations were all below the NC Soil Remediation Goals and EPA's health-based benchmarks (Ref. 2, 22).

The organic analyses revealed significant levels of toxaphene, DDE, DDD, and DDT in both on-site soil samples (TCA-002-SS and TCA-004-SS). All of these contaminants in both of the samples greatly exceeded both their NC Soil Remediation Goals and the EPA health-based benchmarks (Ref. 2, 22). DDE (13 mg/kg), DDE (1,363 mg/kg) and DDT (301 mg/kg) were also present in the drainage ditch adjacent to the site (TCA-005-SS) at concentrations which also greatly exceeded both their NC Soil Remediation Goals and the EPA health-based benchmarks (Ref. 2, Ref. 22).

6.5 Air Monitoring

No formal air monitoring has been conducted at the site. However, a photoionization detector (PID) similar to an HNU was carried into the field to monitor air quality while source samples were collected from the above-ground storage tank (TCA-001-SR) and the drip pan (TCA-003-SS) during the sampling event. Some spiked measurements of 3.4 units near the drip pan and 3.1 units near the tank were indicated with the PID. However, these measurements were the peak spike measurements collected with the PID and quickly dissipated to readings no greater than background (Ref. 8).

6.6 Soil and Air Pathway Conclusions

The analytical results indicate an observed release of DDE, DDD, and DDT to the soils on site, as well as a release through overland flow to the drainage ditch adjacent to the site. Because of the high levels of pesticides present in both source areas and their potential environmental and drinking water threat, a removal request has been made to the US EPA Region 4's Emergency Response and Removal Branch (ERRB). However, the closest residence to the sight is approximately 0.35 miles to the northwest of the site and only two workers are present full-time on the airport property with little to no activity occurring on the direct area covered by the site. Therefore, there is minimal threat to the soil exposure pathway.

7.0 SUMMARY AND CONCLUSIONS

The site, located on the Tri-County Airport property, is an isolated area of approximately 100 feet by 25 feet located north of the old terminal. During the 1960's and 1970's, the site was used for pesticide and handling storage by cotton spray groups and the Department of Agriculture's boll weevil eradication program, both of which operated out of the airport.

One drinking water well is located on the airport property approximately 175 feet southwest of the site. This well is not currently impacted by the site contaminants found in the soils or the above-ground storage tank located on site. The next closest well is located approximately 0.35 miles northwest of the site. Within the 4-mile radius of the site, approximately 1/3 of the homes are supplied by private wells, approximately 1/3 of the homes are supplied by the Town of Woodland's public water system, and approximately 1/3 of the homes are supplied by the Hertford County's public water system.

Drainage from the site flows west to east and south to north across the site into a drainage ditch which intersects the northeast corner of the site. Dry weather conditions allow flow in the drainage ditch to enter an isolated wetland adjacent to the site to the north. Wet weather conditions allow flow to also follow the drainage ditch network up to and north along the airport's runaway, whereupon it continues north until it enters the PPE at Cutawhiskie Creek.

The isolated wetland adjacent to the site revealed elevated levels of the both DDE and DDD. Although an observed release to the isolated wetland has occurred, the contaminants and

concentrations detected do not pose a significant threat to the surface water pathway. No site-attributable contaminants were detected in Cutawhiskie Creek.

Because of the high levels of pesticides present in both sources and their potential environmental and drinking water threat, a removal request has been made to the US EPA Region 4's Emergency Response and Removal Branch (ERRB). However, based on the minimal impact to the surface water pathway and absence of site contaminants in the on-site drinking water well, the Tri-County Airport site is recommended for no further remedial action planned (NFRAP) under CERCLA.

Tri-County Airport Site
NCN 000 407 205
REFERENCES

1. United States Environmental Protection Agency. 40 CFR Part 300, Hazard Ranking System: Final Rule, December 14, 1990.

2. United States Environmental Protection Agency, Superfund Chemical Data Matrix, Appendix B. August 5, 1996.

3. Bryson, Melanie, NC Superfund Section. Latitude and Longitude Calculation Worksheets, Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. December 5, 2001.

4. United States Department of Commerce, Technical Paper No. 40, Rainfall Frequency Atlas of the United States, 1961.

5. United State Department of Agriculture, Natural Resources Conservation Service, North Carolina Annual Precipitation Map, April 1998.

6. United States Department of Commerce, The Climatic Atlas of the United States, 1983. pp. 7, 10.5.

7. Bryson, Melanie, NC Superfund Section. Memo to File, October 18, 2001, and Site Reconnaissance field notes. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. October 9, 2001.

8. Bryson, Melanie, NC Superfund Section. Memo to file, November 14, 2001, and SI sampling event field notes. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. November 7, 2001.

9. Bryson, Melanie, NC Superfund Section. Memo to file: Wetlands along the surface water pathways and National Wetlands Inventory Maps (Woodland, NC; Union, NC; and Murfreesboro, NC). Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. December 11, 2001.

10. Griffin, Benny C., NC Department of Agriculture. Incident Investigation Report, Tri-County Airport. September 19, 1988.

11. Smith, John L., NC Department of Agriculture. Letter to Mr. Henry Joyner recommending further investigation of Tri-County Airport from the pesticide loading area. October 31, 1988.

12. Joyner, Henry L., Jr., Tri-County Airport Manager. Letter of response to Mr. Bill Meyer, Solid Waste Management Section, concerning cooperation for clean-up procedures to be taken at the Tri-County Airport. November 14, 1988.

13. Atwood, Stan, NC Superfund Branch. Sampling results for Tri-County Airport. December 19, 1988.

14. Atwood, Stan, NC Superfund Branch. Memo to Lee Crosby concerning detection of DDT in on-site drinking water well at Tri-County Airport. February 22, 1989.

15. Atwood, Stan, NC Superfund Branch. Memo to file: Tri-County Airport sampling results for on-site drinking water well. February 22, 1989.

16. Atwood, Stan, NC Superfund Branch. Memo to file: Tri-County Airport well resampling results. March 1, 1989.

17. Crosby, Lee, NC Superfund Branch. Letter to Mr. Henry Joyner concerning groundwater samples collected at Tri-County Airport. April 24, 1989.

18. Stanley, Jeanette, NC Superfund Section. Memo to file: Tri-County Airport recommendation for CERCLA screening. October 20, 1999.

19. Grant, Joe and Dan LaMontagne, NC Superfund Section. CERCLIS Site Addition Letter. August 29, 2000.

20. Bryson, Melanie and Jack Butler, NC Superfund Section. Sampling and Analysis Plan/Quality Assurance Project Plan. October 11, 2001.

21. Farm Chemicals Handbook. 1993.

22. NCDENR, Division of Waste Management, Superfund Section. NC Inactive Hazardous Sites Program, Tables 4-1: Soil Remediation Goals and 4-2: Groundwater Remediation Goals. August 2001.

23. Division of Mineral Resources. *Geology and Ground-Water Resources in the Greenville, Area, North Carolina.* North Carolina Department of Conservation and Development, Bulletin Number 73. 1959.

24. Giese, G.L., J.L. Eimers, and R.W. Coble, U.S. Geological Survey. *Simulation of Ground-Water Flow in the Coastal Plain Aquifer System of North Carolina.* U.S. Department of the Interior, Open-File Report 90-372. 1991.

25. US Department of Agriculture, Soil Conservation Service, Soil Survey of Hertford County, NC. July 1984.

26. Public Water Supply Systems Database. Water Supply Systems within a 4.0-mile radius of the Tri-County Airport Site, Aulander, Hertford County, NC. September 18, 2001.

27. Bryson, Melanie, NC Superfund Section. Memo to file: Town of Woodland Water System. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. October 18, 2001.

28. Bryson, Melanie, NC Superfund Section. Memo to file: Hertford County Water System. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. October 22, 2001.

29. Bryson, Melanie, NC Superfund Section. Memo to Superfund Section Staff: Update on Status of Wellhead Protection Programs in NC. October 1, 2001.

30. United States Department of Commerce Bureau of the Census, County and City Data Book. 2000.

31. NC Department of Natural and Economic Resources, Office of Water and Air Resources. Well Record for Tri-County Airport. April 20, 1973.

32. United States Federal Emergency Management Agency. Flood Insurance Rate Map, Community Panel, #3701300004A, Hertford County, North Carolina. Effective Date: June 2, 1978.

33. Bryson, Melanie, NC Superfund Section. Memo to file: Flow Calculations for Cutawhiskie and Potecasi Creeks. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. December 10, 2001.

34. Hill, Fred, NC Public Water Supply Section. Email, Subject: Surface Water Intakes. September 18, 2001.

35. Bryson, Melanie, NC Superfund Section. Memo to file: Fisheries along the 15-mile Surface Water Pathway. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. December 13, 2001.

36. Bryson, Melanie, NC Superfund Section. Memo to file: Natural Heritage Program Trip Report. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. October 18, 2001.

37. North Carolina Center for Geographic Information and Analyses. Population Estimates within a 4.0-mile radius. Tri-County Airport Site, Aulander, Hertford County, North Carolina. EPA ID: NCN 000 407 205. October 01, 2001.

38. Division of Mineral Resources. *Ground Water in the Halifax, Area, North Carolina.* North Carolina Department of Conservation and Development, Bulletin Number 51. 1946.

PHOTOGRAPHS

N.C. DEPARTMENT OF AGRICULTURE
1976
010
LICENSED
N.C. PESTICIDE BOARD

NA GANAO

Photo 1:
3,000 gallon tank remaining on site;
Blue tarp covering top where it has
completed rusted through

NA GANAO

Photo 2:
View of tank's south side

Photo 3:
Empty, rusted barrels located in northwest corner of site

Photo 4:
Empty containers from current operations located on-site

NA 0ANA0 1

<No. 8>

Photo 5:
Wetland grasses and plants; looking south towards site

26166

NA 0A.

<No. 3>

Photo 6:
From original tarmac, looking north towards site

1344

26171

Photo 7:
From original tarmac, looking north towards area west of site

Photo 8:
Intersection of site and drainage ditch at northeast corner of site; Notice presence of bucket on site

Photo 9:
Palustrine emergent wetland area;
looking north from site

Photo 10:
3,000 gallon tank remaining on site;
TCA-001-SR

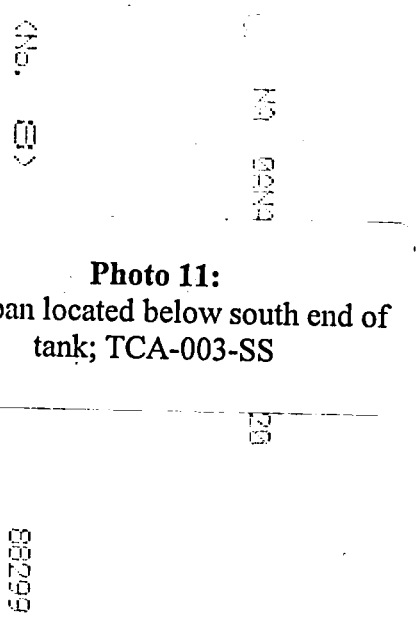


Photo 11:
Drip pan located below south end of tank; TCA-003-SS

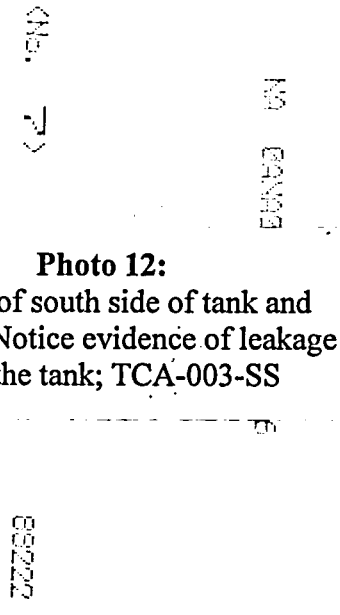


Photo 12:
Bottom of south side of tank and drip pan; Notice evidence of leakage from the tank; TCA-003-SS

Air BP

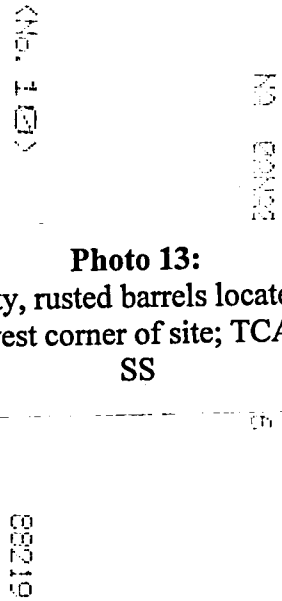


Photo 13:
Empty, rusted barrels located in northwest corner of site; TCA-002-SS

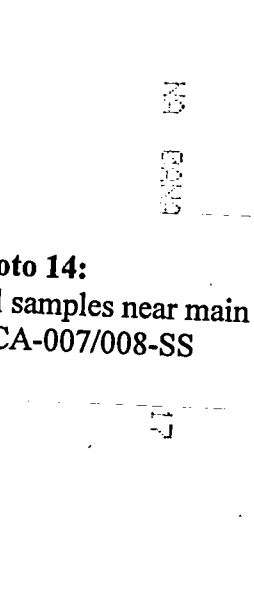


Photo 14:
Background soil samples near main terminal; TCA-007/008-SS

Photo 15:
On-site well; TCA-009-PW

Photo 16:
Drainage pattern east of site, looking west towards site; TCA-006-SS

Photo 17:
Intersection of drainage ditch and Cutawhiskie Creek (PPE); TCA-015-SW/SD

Photo 18:
Isolated wetland; TCA-011/012-SW/SD

NCDEN

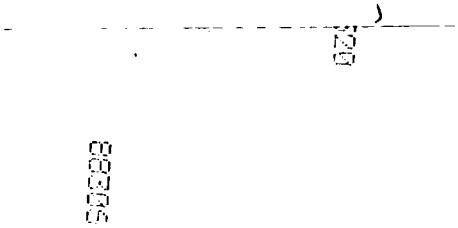


Photo 19:
Isolated wetland; TCA-011/012-SW/SD

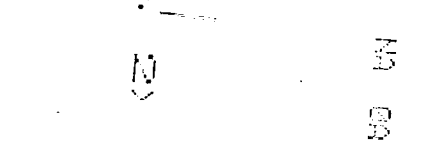


Photo 20:
Background sample area on Cutawhiskie Creek; TCA-016-SW/SD, TCA-017-SD

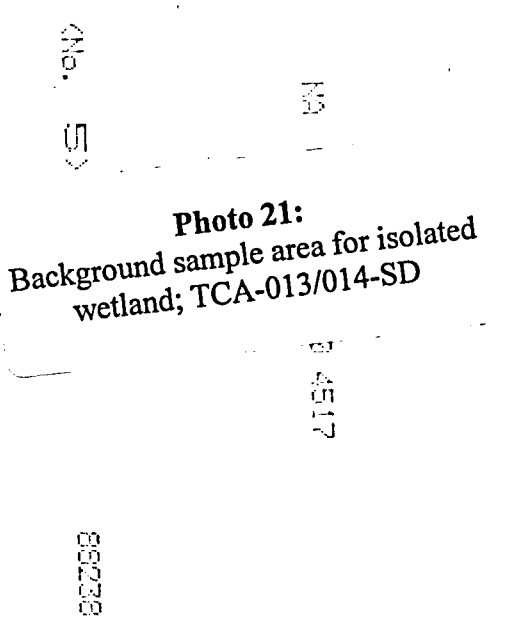


Photo 21:
Background sample area for isolated wetland; TCA-013/014-SD

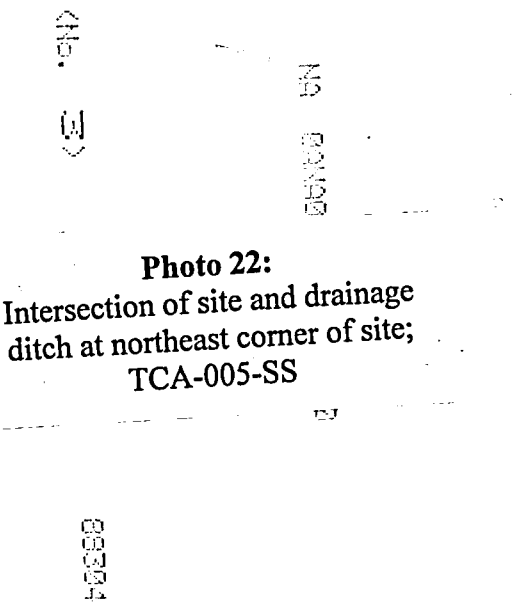


Photo 22:
Intersection of site and drainage ditch at northeast corner of site; TCA-005-SS

APPENDIX A

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50699

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 12:45

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-001-SR
____ Surface water (2)	X Liquid (6)	Highly Concentrated
____ 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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
___ antimony	
X arsenic	< 1
X barium	< 1.5
___ beryllium	
X cadmium	< 1
___ chloride	
X chromium	1
___ cobalt	
X copper	< 2.5
___ fluoride	
X iron	46
X lead	1.5
___ manganese	
X mercury	< 0.05
X nickel	< 1
___ nitrate	
X selenium	< 1.5
X silver	< 1
___ sulfates	
___ thallium	
___ vanadium	
X zinc	< 2.5
___ pH	
___ conductivity	
___ TDS	
___ Flash point	

TCLP Compounds

Inorganic Compounds	Results (mg/l)
___ Arsenic	
___ Barium	
___ Cadmium	
___ Chromium	
___ Lead	
___ Mercury	
___ Selenium	
___ Silver	

RECEIVED
NOV 29 2001
SUPERFUND SECTION

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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017134

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 NCN000407205 Sample ID Number/Name 501699

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:45

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-001-SR
___ Surface Water (2)	✓ Liquid (6)	[redacted]
___ 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

11-08-2001 017134

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50700

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 12:00

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-003-SS
____ Surface water (2)	____ Liquid (6)	Highly Concentrated
____ Soil (3)	X 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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
___ antimony	
X arsenic	3
X barium	4.5
___ beryllium	
X cadmium	< 1
___ chloride	
X chromium	23
___ cobalt	
X copper	67
___ fluoride	
X iron	149403
X lead	20
___ manganese	
X mercury	< 0.05
X nickel	31
___ nitrate	
X selenium	< 1.5
X silver	1.5
___ sulfates	
___ thallium	
___ vanadium	
X zinc	129
___ 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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017135

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 NCN000407205 Sample ID Number/Name 50700

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-003-SS
___ Surface Water (2)	___ Liquid (6)	[illegible]
___ 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

11-03-2001 017135

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By ____

Date Reported ____

Number ____

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50701

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 12:30

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-002-SS
____ Surface water (2)	____ Liquid (6)	
X 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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
___ antimony	
X arsenic	1.5
X barium	11
___ beryllium	
X cadmium	< 1
___ chloride	
X chromium	10
___ cobalt	
X copper	10.5
___ fluoride	
X iron	13896
X lead	135
___ manganese	
X mercury	< 0.05
X nickel	3.5
___ nitrate	
X selenium	< 1.5
X silver	< 1
___ sulfates	
___ thallium	
___ vanadium	
X zinc	9.5
___ 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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017136

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 NCN000407205 Sample ID Number/Name 50701

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-002-SS
___ 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
11-03-2001 017136

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By ____

Date Reported ____

Lab Number ____

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50702

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 12:50

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-004-SS
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

	Parameter	Results(~~mg/l~~)(mg/kg)
	antimony	
X	arsenic	1
X	barium	13.5
	beryllium	
X	cadmium	< 1
	chloride	
X	chromium	8.5
	cobalt	
X	copper	28
	fluoride	
X	iron	11467
X	lead	24
	manganese	
X	mercury	< 0.02
X	nickel	3
	nitrate	
X	selenium	< 1.5
X	silver	< 1
	sulfates	
	thallium	
	vanadium	
X	zinc	16.5
	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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017137

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 NCN000407205 Sample ID Number/Name 50702

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-004-SS
___ 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

11-06-2001 017137

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By ____

Date Reported ____

Lab Number ____

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50703

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:25

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-005-SS
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

	Parameter	Results(~~mg/l~~)(mg/kg)
	antimony	
X	arsenic	< 1
X	barium	46
	beryllium	
X	cadmium	< 1
	chloride	
X	chromium	9.5
	cobalt	
X	copper	59
	fluoride	
X	iron	7054
X	lead	53
	manganese	
X	mercury	<0.02
X	nickel	3
	nitrate	
X	selenium	< 1.5
X	silver	< 1
	sulfates	
	thallium	
	vanadium	
X	zinc	22
	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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017138

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 NCN000407205 Sample ID Number/Name 50703

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-005-SS
___ 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 11-08-2001 017138

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50704

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:50

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-006-SS
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	< 1
X barium	38
beryllium	
X cadmium	< 1
chloride	
X chromium	18
cobalt	
X copper	8
fluoride	
X iron	12490
X lead	17
manganese	
X mercury	< 0.02
X nickel	3
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	12.5
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by

Date Reported 11-26-01

Lab Number 017139

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 NCN000407205 Sample ID Number/Name 50704

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-000-SS
___ 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 11-03-2001 017139

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50705

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 16:10

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-007-SS
____ Surface water (2)	____ Liquid (6)	
X 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	
____ chlordane	
____ heptachlor	
____ hexachlorbenzene	
____ hexachlorbutadiene	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____	
____	
____	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
____ antimony	
X arsenic	< 1
X barium	66
____ beryllium	
X cadmium	< 1
____ chloride	
X chromium	14
____ cobalt	
X copper	7
____ fluoride	
X iron	10622
X lead	17
____ manganese	
X mercury	< 0.05
X nickel	5
____ nitrate	
X selenium	< 1.5
X silver	< 1
____ sulfates	
____ thallium	
____ vanadium	
X zinc	29
____ 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-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017140

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 NCN000407205 Sample ID Number/Name 50705

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:10

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-007-SS
___ 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 11-08-2001 017140

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50706

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 16:15

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-008-SS
____ Surface water (2)	____ Liquid (6)	
X 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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
___ antimony	
X arsenic	< 1
X barium	62
___ beryllium	
X cadmium	< 1
___ chloride	
X chromium	14.5
___ cobalt	
X copper	6
___ fluoride	
X iron	13016
X lead	23
___ manganese	
X mercury	< 0.05
X nickel	4.5
___ nitrate	
X selenium	< 1.5
X silver	< 1
___ sulfates	
___ thallium	
___ vanadium	
X zinc	24
___ 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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017141

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 NCN000407205 Sample ID Number/Name 507006

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 16:15

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-008-SS
___ 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

11-08-2001 017141

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50707

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 10:55

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-011-SD
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	< 1
X barium	46
beryllium	
X cadmium	< 1
chloride	
X chromium	9.5
cobalt	
X copper	8
fluoride	
X iron	5816
X lead	10
manganese	
X mercury	< 0.03
X nickel	2.5
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	11
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017142

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 NCN000407205 Sample ID Number/Name 50707

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 10:55

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SD
___ 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
11-08-2001 017142

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50708

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:05

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-012-SD
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	< 1
X barium	50
beryllium	
X cadmium	< 1
chloride	
X chromium	11
cobalt	
X copper	10
fluoride	
X iron	6108
X lead	12
manganese	
X mercury	< 0.02
X nickel	3
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	14.5
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017143

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 NCN000407205 Sample ID Number/Name 50708

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:05

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-02-SD
___ 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 11-08-2001 017143

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50709

Name of Site Tri-County Airport

Collected By Melanie Bryson ID# _____

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 15:19

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
____	Ground Water (1)	____	Solid (5)	TCA-013-SD
____	Surface water (2)	____	Liquid (6)	
X	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	
____ chlordane	
____ heptachlor	
____ hexachlorbenzene	
____ hexachlorbutadiene	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____	
____	
____	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
____ antimony	
X arsenic	< 1
X barium	58
____ beryllium	
X cadmium	< 1
____ chloride	
X chromium	15
____ cobalt	
X copper	9.5
____ fluoride	
X iron	8210
X lead	16
____ manganese	
X mercury	0.02
X nickel	4.5
____ nitrate	
X selenium	< 1.5
X silver	< 1
____ sulfates	
____ thallium	
____ vanadium	
X zinc	17
____ 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-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ 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)	

Date Received 11-08-01

Date Extracted _____

Date Analyzed _____

Reported by DJM

Date Reported 11-26-01

Lab Number 017144

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 NCN000407205 Sample ID Number/Name 50709

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 15:19

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-013-SD
___ 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
11-03-2001 017144

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50710

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 15:30

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-014-SD
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	1
X barium	45
beryllium	
X cadmium	< 1
chloride	
X chromium	12
cobalt	
X copper	8.5
fluoride	
X iron	6169
X lead	14
manganese	
X mercury	< 0.02
X nickel	3.5
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	13.5
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017145

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 NCN000407205 Sample ID Number/Name 50710

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 15:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-014-SD
___ 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
11-03-2001 017145

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50711

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:03

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-015-SD
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	< 1
X barium	37
beryllium	
X cadmium	< 1
chloride	
X chromium	12
cobalt	
X copper	10.5
fluoride	
X iron	5184
X lead	8
manganese	
X mercury	< 0.02
X nickel	9
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	31
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by

Date Reported 11-26-01

Lab Number 017146

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 NCN000407205 Sample ID Number/Name 50711

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:03

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-015-SD
___ 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 11-08-2001 017146

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50712

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:17

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-016-SD
	Surface water (2)		Liquid (6)	
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
antimony	
X arsenic	< 1
X barium	9
beryllium	
X cadmium	< 1
chloride	
X chromium	2
cobalt	
X copper	7
fluoride	
X iron	869
X lead	4
manganese	
X mercury	< 0.02
X nickel	2.5
nitrate	
X selenium	< 1.5
X silver	< 1
sulfates	
thallium	
vanadium	
X zinc	8.5
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017147

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 NCN000407205 Sample ID Number/Name 50712

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:17

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-0116-SD
___ 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 1-08-2001 017147

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50713

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:26

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-017-SD
____ Surface water (2)	____ Liquid (6)	
X 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	
____ chlordane	
____ heptachlor	
____ hexachlorbenzene	
____ hexachlorbutadiene	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	

Inorganic Chemistry

Parameter	Results(~~mg/l~~)(mg/kg)
____ antimony	
X arsenic	< 1
X barium	9
____ beryllium	
X cadmium	< 1
____ chloride	
X chromium	2.5
____ cobalt	
X copper	6.5
____ fluoride	
X iron	781
X lead	4
____ manganese	
X mercury	< 0.02
X nickel	2
____ nitrate	
X selenium	<1.5
X silver	< 1
____ sulfates	
____ thallium	
____ vanadium	
X zinc	8.5
____ 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-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DGM

Date Reported 11-26-01

Lab Number 017148

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 NCN000407205 Sample ID Number/Name 50713

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:26

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-017-SD
___ 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 11-03-2001 017148

Date Extracted ____

Date Analyzed ____

Reported By ____

Date Reported ____

Number ____

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50714

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 15:25

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
X	Ground Water (1)		Solid (5)	TCA-009-PW
	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

	Parameter	Results(mg/l)(~~mg/kg~~)
	antimony	
X	arsenic	< 0.001
X	barium	0.10
	beryllium	
X	cadmium	< 0.005
	chloride	
X	chromium	< 0.01
	cobalt	
X	copper	< 0.05
	fluoride	
X	iron	1.09
X	lead	< 0.005
	manganese	
X	mercury	< 0.0005
X	nickel	< 0.01
	nitrate	
X	selenium	< 0.01
X	silver	< 0.01
	sulfates	
	thallium	
	vanadium	
X	zinc	0.20
	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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017127

DHS 3191(revised 12/93)

SAMPLE ANALYSIS REQUEST

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

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

Site Number NCN000407205 Sample ID Number/Name 50714

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 15:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-009-PW
___ 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

11-08-2001 017127

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50715

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 16:27

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
X	Ground Water (1)		Solid (5)	TCA-010-PW
	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(mg/l)(~~mg/kg~~)
antimony	
X arsenic	< 0.001
X barium	0.12
beryllium	
X cadmium	< 0.005
chloride	
X chromium	< 0.01
cobalt	
X copper	< 0.05
fluoride	
X iron	0.14
X lead	< 0.005
manganese	
X mercury	< 0.0005
X nickel	< 0.01
nitrate	
X selenium	< 0.01
X silver	< 0.01
sulfates	
thallium	
vanadium	
X zinc	< 0.05
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017128

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 NCN000407205 Sample ID Number/Name 50715

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 16:27

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-010-PW
___ 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

11-08-2001 017128

Date Received

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50716

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 10:40

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-011-SW
X 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	
____ chlordane	
____ heptachlor	
____ hexachlorbenzene	
____ hexachlorbutadiene	
____ endrin	
____ lindane	
____ methoxychlor	
____ toxaphene	
____	
____	
____	

Inorganic Chemistry

Parameter	Results(mg/l)(~~mg/kg~~)
____ antimony	
X arsenic	0.001
X barium	0.14
____ beryllium	
X cadmium	< 0.005
____ chloride	
X chromium	0.03
____ cobalt	
X copper	< 0.05
____ fluoride	
X iron	15.8
X lead	0.016
____ manganese	
X mercury	< 0.0005
X nickel	< 0.01
____ nitrate	
X selenium	< 0.01
X silver	< 0.01
____ sulfates	
____ thallium	
____ vanadium	
X zinc	0.06
____ 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-dinitrotoluene	
____ heptachlor	
____ hexachlorobenzene	
____ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017129

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 NCN000407205 Sample ID Number/Name 50716

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:40

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SW
✓ 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 11-08-2001 017129

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50717

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 10:50

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental	Concentrate	Comments
____ Ground Water (1)	____ Solid (5)	TCA-012-SW
X 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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(mg/l)(~~mg/kg~~)
___ antimony	
X arsenic	0.001
X barium	0.11
___ beryllium	
X cadmium	< 0.005
___ chloride	
X chromium	0.024
___ cobalt	
X copper	< 0.05
___ fluoride	
X iron	13.0
X lead	0.012
___ manganese	
X mercury	< 0.0005
X nickel	< 0.01
___ nitrate	
X selenium	< 0.01
X silver	< 0.01
___ sulfates	
___ thallium	
___ vanadium	
X zinc	< 0.05
___ 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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017130

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 NCN000407205 Sample ID Number/Name 50717

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-012-SW
✓ 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
11-08-2001 017130

Date Received ____

Date Extracted ____

Date Analyzed ____

Reported By ____

Date Reported ____

Lab Number ____

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50718

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 10:57

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-015-SW
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

Parameter	Results(mg/l)(~~mg/kg~~)
antimony	
X arsenic	< 0.001
X barium	0.08
beryllium	
X cadmium	< 0.005
chloride	
X chromium	<0.01
cobalt	
X copper	< 0.05
fluoride	
X iron	2.97
X lead	< 0.005
manganese	
X mercury	< 0.0005
X nickel	< 0.01
nitrate	
X selenium	< 0.01
X silver	< 0.01
sulfates	
thallium	
vanadium	
X zinc	< 0.05
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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by DJM

Date Reported 11-26-01

Lab Number 017131

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 NCN000407205 Sample ID Number/Name 50718

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:57

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-01S-SW
✓ 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 11-03-2001 017131

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50719

Name of Site Tri-County Airport

Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC

Date Collected 11-07-01 Time 11:13

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
	Ground Water (1)		Solid (5)	TCA-016-SW
X	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	
chlordane	
heptachlor	
hexachlorbenzene	
hexachlorbutadiene	
endrin	
lindane	
methoxychlor	
toxaphene	

Inorganic Chemistry

	Parameter	Results(mg/l)(~~mg/kg~~)
	antimony	
X	arsenic	0.001
X	barium	0.10
	beryllium	
X	cadmium	< 0.005
	chloride	
X	chromium	<0.01
	cobalt	
X	copper	< 0.05
	fluoride	
X	iron	4.08
X	lead	< 0.005
	manganese	
X	mercury	< 0.0005
X	nickel	< 0.01
	nitrate	
X	selenium	< 0.01
X	silver	< 0.01
	sulfates	
	thallium	
	vanadium	
X	zinc	< 0.05
	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-dinitrotoluene	
heptachlor	
hexachlorobenzene	
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)	

Date Received 11-08-01

Date Extracted

Date Analyzed

Reported by

Date Reported 11-26-01

Lab Number 017132

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 NCN000407205 Sample ID Number/Name 50719

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:13

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-0116-SW
✓ 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 11-08-2001 017132

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

DHS 3191 (Revised 12/93)

N.C. Department of Environment
& Natural Resources
Solid Waste Management Division

SAMPLE ANALYSIS REQUEST

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

Site Number NCN00040720S

Sample ID Number /Name 50720

Name of Site Tri-County Airport

Collected By Melanie Bryson ID# _____

Site Location Aulander, Hertford Co., NC

Date Collected 11-08-01 Time 13:00

Agency: ____ Hazardous Waste ____ Solid Waste X Superfund

Sample Type

Environmental		Concentrate		Comments
____	Ground Water (1)	____	Solid (5)	TCA-020-PB
X	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	
___ chlordane	
___ heptachlor	
___ hexachlorbenzene	
___ hexachlorbutadiene	
___ endrin	
___ lindane	
___ methoxychlor	
___ toxaphene	
___	
___	
___	

Inorganic Chemistry

Parameter	Results(mg/l)(~~mg/kg~~)
___ antimony	
X arsenic	< 0.001
X barium	< 0.01
___ beryllium	
X cadmium	< 0.005
___ chloride	
X chromium	<0.01
___ cobalt	
X copper	< 0.05
___ fluoride	
X iron	0.09
X lead	< 0.005
___ manganese	
X mercury	< 0.0005
X nickel	< 0.01
___ nitrate	
X selenium	< 0.01
X silver	< 0.01
___ sulfates	
___ thallium	
___ vanadium	
X zinc	< 0.05
___ 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-dinitrotoluene	
___ heptachlor	
___ hexachlorobenzene	
___ 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)	

Date Received 11-08-01

Date Extracted _____

Date Analyzed _____

Reported by DJM

Date Reported 11-26-01

Lab Number 017133

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 NCN000407205 Sample ID Number/Name 50720

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/8/01 Time 13:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-020-PB
✓ 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 11-08-2001 017133

Date Extracted

Date Analyzed

Reported By

Date Reported

Lab Number

HS 3191 (Revised 12/93)

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

Organics Lab:
Inorganics Lab

CHAIN OF CUSTODY RECORD

Project Name: Tri County Airport
Site ID # (NCD#) NCN 000 407 205
Location: Hertford County
Address: Aulander, NC

Sampled By: M. Bryson
Sampler ID
Telephone: (919) 733-2801 x316
Date Sampled: 11/7/01
Time Sampled:

Sample Types: Soil ✓ Water ✓ Waste ✓ Other

Remarks: *50699, 50700 Highly concentrated waste

Field Sample Numbers: 50699* 50700* 50701 50702 50703 50704 50705 50706 50707 50708 50709 50710 50711 50712 50713 50714 50715 50716 50717 50718 50719 50720

Relinquished By: Melanie Bryson (Signature) Date: 11/8/01 Time: 14:40

Received By: Delloraf J Morrow (Signature) Date: 11/8/01 Time: 14:40

Relinquished By: (Signature) Date: Time:

Received By: (Signature) Date: Time:

Relinquished By: (Signature) Date: Time:

Received By: (Signature) Date: Time:

Results Reported: Delloraf J Morrow (Signature) Date: 11/26/01 Time: 5:30PM

(I:\[illegible]cshare\cocr.frm)

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 NCN000407205 Sample ID Number/Name 21588

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:45

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-001-SR
___ Surface Water (2)	✓ Liquid (6)	Highly Concentrated
___ Soil (3)	___ Sludge (7)	
___ Other (4)	___ Other (8)	

TCLP Compounds

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

RECEIVED DEC 4 2001 SUPERFUND SECTION

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 NOV 08 2001

Date Extracted

Date Analyzed 11-20-01

Reported By Chris Neale

Date Reported NOV 30 2001

Lab Number 016292

DHS 3191 (Revised 12/93)

#016292-016336

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 NCN000407205 Sample ID Number/Name 21589

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:45

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-001-SR
___ Surface Water (2)	✓ Liquid (6)	*Highly Concentrated!!*
___ 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	
✓ Pesticides	
✓ Malathion	
___	
___	

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 NOV 08 2001

Date Extracted BNA 11-16-01 BO

Date Analyzed BNA 11-16-01 BO

Reported By ____

Date Reported ____

Number 016293

HS 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 NCN000407205 Sample ID Number/Name 21590

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-003-SS
___ Surface Water (2)	___ Liquid (6)	Highly Concentrated!!!
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-21-01 ng

Reported By

Date Reported

Lab Number 016294

HS 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 NCN000407205 Sample ID Number/Name 21591

Name of Site Tri-County Airport Collected By Melanie Bryson ID # :

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-003-SS
___ Surface Water (2)	___ Liquid (6)	~~Highly Concentrated~~
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-16-01 BO

Date Analyzed BNA 11-16-01 BO

Reported By

Date Reported

Number 016295

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 NCN000407205 Sample ID Number/Name 21592

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-002-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-16-01

Reported By

Date Reported

Number 016296

HS 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 NCN000407205 Sample ID Number/Name 21593

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 12:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-004-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-15-01 DJ

Reported By

Date Reported

Number 016297

HS 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 NCN000407205 Sample ID Number/Name 21594

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-005-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-15-01 DJ

Reported By

Date Reported

Number 016298

HS 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 NCN000407205 Sample ID Number/Name 21595

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-0006-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-15-01

Reported By

Date Reported

ID Number 016299

HS 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 NCN000407205 Sample ID Number/Name 215916

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 16:10

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-007-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01 DJ

Reported By

Date Reported

Lab Number 016300

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 NCN000407205 Sample ID Number/Name 21597

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 16:15

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-008-SS
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01 DJ

Reported By

Date Reported

Number 016301

HS 3191 (Revised 12/93)

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

AMPLE ANALYSIS REQUEST

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

Site Number NCN000407205 Sample ID Number/Name 21598

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:55

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01

Reported By

Date Reported

Lab Number 016302

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 NCN000407205 Sample ID Number/Name 21599

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:05

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-012-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01 [illegible]

Reported By

Date Reported

Number 016303

LS 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 NCN000407205 Sample ID Number/Name 21600

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 15:19

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-013-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01 mg

Reported By

Date Reported

Number 016304

HS 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 NCN000407205 Sample ID Number/Name 21601

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 15:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-014-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01 TJ

Reported By

Date Reported

Lab Number 016305

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 NCN000407205 Sample ID Number/Name 21602

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:03

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-015-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-20-01 DJ

Reported By

Date Reported

Number 016306

HS 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 NCN000407205 Sample ID Number/Name 21603

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:17

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-016-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-20-01 MJ

Reported By

Date Reported

Lab Number 016307

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 NCN000407205 Sample ID Number/Name 21604

Name of Site Tri-County Airport Collected By Melanie Bryson ID #

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:26

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-017-SD
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-20-01 TB

Reported By

Date Reported

Number 016308

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 NCN000407205 Sample ID Number/Name 21605

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-019-SB
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-19-01

Reported By

Date Reported

Number 016309

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 NCN000407205 Sample ID Number/Name 21606

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-002-SS
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-9-01 KM PEST 11-14-01 KM PEST 11-28-01 VP

Date Analyzed BNA 11-15-01 BO

Reported By

Date Reported

Lab Number 016310

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 NCN000407205 Sample ID Number/Name 21607

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 12:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-004-SS
___ 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	
✓ pesticides	
✓ malathion	

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 NOV 08 2001
BNA 11-9-01 KM

Date Extracted PEST 11-14-01 KM
PEST 11-28-01 VP

Date Analyzed BNA 11-15-01 BO

Reported By

Date Reported

Lab Number 016311

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 NCN000407205 Sample ID Number/Name 21608

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-005-SS
___ 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	
✓ Pesticides	
✓ malathion	

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 NOV 08 2001

Date Extracted BNA 11-9-01 km PEST 11-14-01 km PEST 11-28-01 VP

Date Analyzed BNA 11-15-01 BO

Reported By

Date Reported

Lab Number 016312

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 NCN000407205 Sample ID Number/Name 216609

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-006-SS
___ 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	
✓ Pesticides	
✓ malathion	

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 NOV 08 2001

Date Extracted BNA 11/9/01 KM PEST 11-14-01 KM PEST 11-19-01 VP

Date Analyzed BNA 11-14-01 BO

Reported By ____

Date Reported ____

Number 016313

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 NCN000407205 Sample ID Number/Name 21610

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 16:10

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-007-SS
___ 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	
✓ Pesticides	
✓ malathion	
___	
___	
___	

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 NOV 08 2001
BNA 11-9-01 KM
Date Extracted PEST 11-9-01 KM
PEST 11-19-01 VP
Date Analyzed BNA 11-14-01 BD
Reported By ____
Date Reported ____
Lab Number 016314

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 NCN000407205 Sample ID Number/Name 21611

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 16:15

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-008-SS
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-9-01 KM PEST 11-14-01 KM

Date Analyzed PEST 11-19-01 VP BNA 11-14-01 BO

Reported By ____

Date Reported ____

Lab Number 016315

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 NCN000407205 Sample ID Number/Name 211612

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 10:55

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-13-01 KM PEST 11-15-01 KM

Date Analyzed PEST 11-27-01 VP BNA 11-14-01 BD

Reported By

Date Reported

Lab Number 016316

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 NCN000407205 Sample ID Number/Name 21613

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:05

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-012-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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

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 NOV 08 2001

Date Extracted BNA 11-13-01 KM
PEST 11-15-01 KM

Date Analyzed BNA 11-14-01 AO
PEST 11-27-01 VP

Reported By ____

Date Reported ____

Lab Number 016317

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 NCN000407205 Sample ID Number/Name 21614

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 15:19

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-013-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-13-01 KM PEST 11-15-01 KM

Date Analyzed PEST 11-27-01 VP BNA 11-14-01 RD

Reported By ____

Date Reported ____

Lab Number 016318

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 NCN000407205 Sample ID Number/Name 21615

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 15:30

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-014-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-13-01 KM PEST 11-15-01 KM

Date Analyzed PEST 11-27-01 VP BNA 11-14-01 BO

Reported By ____

Date Reported ____

Number 016319

HS 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 NCN000407205 Sample ID Number/Name 211616

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:03

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-015-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-13-01 Km / DEST 11-15-01 Km

Date Analyzed PEST 11-28-01 VP / BNA 11-14-01 BO

Reported By ____

Date Reported ____

Lab Number 016320

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 NCN000407205 Sample ID Number/Name 21617

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:17

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-016-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001
BNA 11-13-01 Km

Date Extracted PEST 11-15-01 Km
PEST 11-28-01 VP

Date Analyzed BNA 11-14-01 BB

Reported By

Date Reported

Lab Number 016321

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 NCN000407205 Sample ID Number/Name 21618

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:26

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-017-SD
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-13-01 km PEST 11-15-01 km PEST 11-28-01-VP

Date Analyzed BNA 11-14-01 BD

Reported By

Date Reported

Lab Number 016322

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 NCN000407205 Sample ID Number/Name 21619

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 15:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-009-PW
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 DG

Reported By

Date Reported

Number 016323

HS 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 NCN000407205 Sample ID Number/Name 21620

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 16:27

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-010-PW
___ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 NG

Reported By

Date Reported

Number 016324

HS 3191 (Revised 12/93)

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

LE ANALYSIS REQUEST

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

Site Number NCN000407205 Sample ID Number/Name 21621

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:40

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SW
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01

Reported By

Date Reported

Number 016325

HS 3191 (Revised 12/93)

epartment of Environment,
Health, & Natural Resources
Solid Waste Management Division

SIS REQUEST

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

Site Number NCN000407205 Sample ID Number/Name 21622 [redacted]

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-012-SW
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 NG

Reported By

Date Reported

Number 016326

HS 3191 (Revised 12/93)

epartment of Environment,
Health, & Natural Resources
Solid Waste Management Division

SIS REQUEST

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

Site Number NCN000407205 Sample ID Number/Name 21623

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:57

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-015-SW
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 ng

Reported By

Date Reported

Number 016327

HS 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 NCN000407205 Sample ID Number/Name 21624

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 11:13

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-016-SW
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 NB

Reported By

Date Reported

Lab Number 016328

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 NCN000407205 Sample ID Number/Name 21625

Name of Site Tri-County Airport Collected By Melanie Bryson ID#

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-018-TB
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 DJ

Reported By

Date Reported

Lab Number 016329

DES 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 NCN000407205 Sample ID Number/Name 216216

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co., NC Date Collected 11/7/01 Time 10:00

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-118-TB
✓ 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 NOV 08 2001

Date Extracted

Date Analyzed 11-14-01 TJ

Reported By

Date Reported

Number 016330

LS 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 NCN000407205 Sample ID Number/Name 21627

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 15:25

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-009-PW
___ 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	
✓ Pesticides	
✓ malathion	
___	
___	
___	

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

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 NOV 08 2001

Date Extracted BNA 11-8-01 YM PEST 11-13-01 VP

Date Analyzed PEST 11-13-01 VP BNA 11-13-01 BQ

Reported By ____

Date Reported ____

Number 016331

HS 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 NCN000407205 Sample ID Number/Name 21628

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 16:27

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
✓ Ground Water (1)	___ Solid (5)	TCA-010PW
___ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001
BNA 11-8-01 KM

Date Extracted Pest 11-14-01 VP
PEST 11-14-01 VP

Date Analyzed BNA 11-13-01 BQ

Reported By ____

Date Reported ____

Number 016332

HS 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 NCN000407205 Sample ID Number/Name 216629

Name of Site Tri-County Airport Collected By Melanie Bryson ID # ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 10:40

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-011-SW
✓ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-8-01 KM PEST 11-14-01 VP PEST 11-14-01 VP

Date Analyzed BNA 11-13-01 BD

Reported By ____

Date Reported ____

Number 016333

HS 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 NCN000407205 Sample ID Number/Name 21630

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 10:50

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-012-SW
✓ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-8-01 KM PEST 11-14-01 VP PEST 11-14-01 VP

Date Analyzed BNA 11-13-01 AD

Reported By ____

Date Reported ____

Number 016334

HS 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 NCN000407205 Sample ID Number/Name 216631

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 10:57

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-015-SW
✓ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-8-01 VM PEST 11-14-01 VP PEST 11-14-01 VP

Date Analyzed BNA 11-13-01 BO

Reported By ____

Date Reported ____

Number 016335

MS 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 NCN000407205 Sample ID Number/Name 21632

Name of Site Tri-County Airport Collected By Melanie Bryson ID# ____

Site Location Aulander, Hertford Co, NC Date Collected 11/7/01 Time 11:13

Agency: ___ Hazardous Waste ___ Solid Waste ✓ Superfund

Sample Type

Environmental	Concentrate	Comments
___ Ground Water (1)	___ Solid (5)	TCA-016-SW
✓ 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	
✓ Pesticides	
✓ Malathion	

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 NOV 08 2001

Date Extracted BNA 11-8-01 VM PEST 11-14-01 VP PEST 11-15-01 VP

Date Analyzed BNA 11-13-01 BQ

Reported By ____

Date Reported ____

Lab Number 016336

DHS 3191 (Revised 12/93)

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

Organics Lab: ✓
Inorganics Lab: _____

CHAIN OF CUSTODY RECORD

Project Name: Tri County Airport	Sampled By: M Bryson
Site ID # (NCD#) NCN000407205	Sampler ID _____
Location: Hertford County	Telephone: (919) 733 2801 x 316
Address: Aulander, NC	Date Sampled: 11/7/01
	Time Sampled: _____

Sample Types: Soil ✓ Water ✓ Waste ✓ Other _____

Remarks: #21588, 21589, 21590, 21591 Highly Concentrated Waste!

Field Sample Numbers

21588	21594	21599	21604	21609	21614	21619	21624	21629
21589	21595	21600	21605	21610	21615	21620	21625	21630
21590	21596	21601	21606	21611	21616	21621	21626	21631
21591	21597	21602	21607	21612	21617	21622	21627	21632
21592								
21593	21598	21603	21608	21613	21618	21623	21628	

Relinquished By: Melanie Bryson (Signature) Date: 11/8/01 Time: 14:30

Received By: John Neal (Signature) Date: 11/08/01 Time: 14:30

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

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

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

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

Results Reported: John Neal (Signature) Date: NOV 30 2001 Time: _____

(I:\docshare\cocr.frm)

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

ORGANIC CHEMICAL ANALYSIS / PURGEABLE COMPOUNDS

LABORATORY # 016292

COMPOUND	MDL ppm	~~ug/l~~ ppm	COMPOUND	~~MDL~~ ppm	~~ug/l~~ ppm
Chloromethane	100	u	1,2-Dichloropropane	25	u
Vinyl Chloride	↓	↓	Dibromomethane	↓	↓
Bromomethane			Bromodichloromethane		
Chloroethane			*Cis*-1,3-Dichloropropene		
Trichlorofluoromethane	↓		4-Methyl-2-Pentanone		
1,1-Dichloroethene	25		Toluene		
Acetone	100		Trans-1,3-Dichloropropene		
Iodomethane	25		1,1,2-Trichloroethane		
Carbon Disulfide	↓		Tetrachloroethene		
Methylene Chloride			2-Hexanone		
Acrylonitrile			Dibromochloromethane		
Trans-1,2-Dichloroethene			Ethylene Dibromide		
Methyl-t-Butyl-Ether			Chlorobenzene		
1,1-Dichloroethane			1,1,1,2-Tetrachloroethane		↓
Isopropyl Ether			Ethyl Benzene		55.5
Cis-1,2-Dichloroethene	↓		Xylenes		561.0
2-Butanone	100		Styrene		u
Tetrahydrofuran	100		Bromoform		↓
Chloroform	25		1,1,2,2-Tetrachloroethane		
1,1,1-Trichloroethane	↓		1,2,3-Trichloropropane		↓
Carbon Tetrachloride			1,4-Dichlorobenzene		11.0 J
Benzene			1,2-Dichlorobenzene	↓	9.5 J
1,2-Dichloroethane			1,2-Dibromo-3-Chloropropane	100	u
Trichloroethene	↓	↓	Substituted benzenes	⊕ | ⊖	⊕

Possible lab contamination or background
Estimated Value
- 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.

J/ - Tentative identification.
D - Sample diluted. MDL's do not apply.

MDL's approximate - based on methanol dilution

nancy.frm (3/98)

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

ORGANIC CHEMICAL ANALYSIS / PURGEABLE COMPOUNDS

LABORATORY # 016294

COMPOUND	MDL ppm	~~ug/l~~ ppm	COMPOUND	MDL ppm	~~ug/l~~ ppm
Chloromethane	100	U	1,2-Dichloropropane	25	U
Vinyl Chloride			Dibromomethane		
Bromomethane			Bromodichloromethane		
Chloroethane			Cis-1,3-Dichloropropene		
Trichlorofluoromethane			4-Methyl-2-Pentanone		
1,1-Dichloroethene	25		Toluene		
Acetone	100		Trans-1,3-Dichloropropene		
Iodomethane	25		1,1,2-Trichloroethane		
Carbon Disulfide			Tetrachloroethene		
Methylene Chloride			2-Hexanone		
Acrylonitrile			Dibromochloromethane		
Trans-1,2-Dichloroethene			Ethylene Dibromide		
Methyl-t-Butyl-Ether			Chlorobenzene		
1-Dichloroethane			1,1,1,2-Tetrachloroethane		
Isopropyl Ether			Ethyl Benzene		24.5
Cis-1,2-Dichloroethene			Xylenes		165.0
2-Butanone	100		Styrene		U
Tetrahydrofuran	100		Bromoform		
Chloroform	25		1,1,2,2-Tetrachloroethane		
1,1,1-Trichloroethane			1,2,3-Trichloropropane		
Carbon Tetrachloride			1,4-Dichlorobenzene		
Benzene			1,2-Dichlorobenzene		
1,2-Dichloroethane			1,2-Dibromo-3-Chloropropane	200	
Trichloroethene			Substituted benzenes	⊕ (−)	⊕

MDL's approximate - based on methanol dilution

Possible lab contamination or background
Estimated Value
- Actual value is known to be less than value given.
- 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.
J/ - Tentative identification.
D -Sample diluted. MDL's do not apply.

nancy.frm (3/98)

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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016296	016297	016298	016299	016300	016301
	FIELD NO	21592	21593	21594	21595	21596	21597
COMPOUND	TYPE	(3)	(3)	(3)	(3)	(3)	(3)
	MDL (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
CHLOROMETHANE	2.0	u	u	trace 1/	u	u	u
VINYL CHLORIDE				u			
BROMOMETHANE							
CHLOROETHANE							
TRICHLOROFLUOROMETHANE							
1,1-DICHLOROETHENE	0.5						
ACETONE	2.0			102.8 J			
IODOMETHANE	0.5			u			
CARBON DISULFIDE				trace			
METHYLENE CHLORIDE				u			
ACRYLONITRILE							
TRANS-1,2-DICHLOROETHENE							
METHYL-t-BUTYL-ETHER							
1,1-DICHLOROETHANE							
ISOPROPYL ETHER							
CIS-1,2-DICHLOROETHENE							
2-BUTANONE	2.0			13.6 J			
TETRAHYDROFURAN				u			
CHLOROFORM	0.5						
1,1,1-TRICHLOROETHANE							
CARBON TETRACHLORIDE							
BENZENE				26.0			
1,2-DICHLOROETHANE				1.3			
TRICHLOROETHENE				u			
1,2-DICHLOROPROPANE							
DIBROMOMETHANE							

trace = present but below MDL

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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016296	016297	016298	016299	016300	016301
	FIELD NO						
COMPOUND	TYPE	(3)	(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				2038.9J	trace[c]	trace[c]	
TRANS-1,3-DICHLOROPROPENE				u	u	u	
1,1,2-TRICHLOROETHANE							
TETRACHLOROETHENE							
2-HEXANONE							
DIBROMOCHLOROMETHANE							
ETHYLENE DIBROMIDE							
CHLOROBENZENE				2.3			
1,1,1,2-TETRACHLOROETHANE				u			
ETHYL BENZENE				37.2			
XYLENES				158.2			
STYRENE				u			
BROMOFORM							
1,1,2,2-TETRACHLOROETHANE							
1,2,3-TRICHLOROPROPANE							
1,4-DICHLOROBENZENE		trace		1.8			
1,2-DICHLOROBENZENE		u		1.1			
1,2,-DIBROMO-3-CHLOROPROPANE	2.0			u			

trace = present but below MDL

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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016302	016303	016304	016305	016306	016307
	FIELD NO	21598	21599	21600	21601	21602	21603
COMPOUND	TYPE	(3)	(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							
1,1-DICHLOROETHENE	0.5						
ACETONE	2.0	17.7 J	16.9 J				
IODOMETHANE	0.5	U	U				
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							

trace = present but below MDL

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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016302	016303	016304	016305	016306	016307
	FIELD NO						
COMPOUND	TYPE	(3)	(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	0.5				
TRANS-1,3-DICHLOROPROPENE		u	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						

trace = present but below MDL

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

ORGANIC CHEMICAL ANALYSIS

SOIL BLANK

PURGEABLE COMPOUNDS	LAB NO	016308	016309	016323	016324	016325	016326
	FIELD NO	21604	21605	21619	21620	21621	21622
COMPOUND	TYPE	(3)	(3)	(1)	(1)	(2)	(2)
	MDL (ppb)	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm	ppb ppm
CHLOROMETHANE	2.0	u	trace C	u	u	u	u
VINYL CHLORIDE			u				
BROMOMETHANE							
CHLOROETHANE							
TRICHLOROFLUOROMETHANE							
1,1-DICHLOROETHENE	0.5						
ACETONE	2.0		69.5 J			56.8 J	65.4 J
IODOMETHANE	0.5		u			u	u
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					trace		
TRICHLOROETHENE					u		
1,2-DICHLOROPROPANE							
DIBROMOMETHANE							

trace = present but below MDL

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

ORGANIC CHEMICAL ANALYSIS

SOIL BLANK

PURGEABLE COMPOUNDS	LAB NO	016308	016309	016323	016324	016325	016326
	FIELD NO						
COMPOUND	TYPE	(3)	(3)	(1)	(1)	(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		0.5	trace			24.2	15.4
TRANS-1,3-DICHLOROPROPENE		U	U			U	U
1,1,2-TRICHLOROETHANE							
TETRACHLOROETHENE							
2-HEXANONE							
DIBROMOCHLOROMETHANE							
ETHYLENE DIBROMIDE							
CHLOROBENZENE							
1,1,2-TETRACHLOROETHANE							
ETHYL BENZENE							
XYLENES			trace				
STYRENE			U				
BROMOFORM							
1,1,2,2-TETRACHLOROETHANE							
1,2,3-TRICHLOROPROPANE							
1,4-DICHLOROBENZENE							
1,2-DICHLOROBENZENE							
1,2,-DIBROMO-3-CHLOROPROPANE	2.0						

trace = present but below MDL

C - Possible lab contamination or background.
E - 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.

7

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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016327	016328	016329	016330		
	FIELD NO	21623	21624	21625	21216		
COMPOUND	TYPE	(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		
VINYL CHLORIDE	↓	↓	↓	↓	↓		
BROMOMETHANE	↓	↓	↓	↓	↓		
CHLOROETHANE	↓	↓	↓	↓	↓		
TRICHLOROFLUOROMETHANE	↓	↓	↓	↓	↓		
1,1-DICHLOROETHENE	0.5	↓	↓	↓	↓		
ACETONE	2.0	16.8 J	17.5 J	6.2 J	10.6 J		
IODOMETHANE	0.5	u	u	u	u		
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	↓			trace	trace		
CHLOROFORM	0.5			u	u		
1,1,1-TRICHLOROETHANE	↓	↓	↓	↓	↓		
CARBON TETRACHLORIDE	↓	↓	↓	↓	↓		
BENZENE	↓	↓	↓	↓	↓		
1,2-DICHLOROETHANE	↓	↓	↓	↓	↓		
TRICHLOROETHENE	↓	↓	↓	↓	↓		
1,2-DICHLOROPROPANE	↓	↓	↓	↓	↓		
DIBROMOMETHANE	↓	↓	↓	↓	↓		

trace = present but below MDL

C - Possible lab contamination or background
J - Estimated value
< - Actual value is known to be less than value given.
> - 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

ORGANIC CHEMICAL ANALYSIS

PURGEABLE COMPOUNDS	LAB NO	016327	016328	016329	016330		
	FIELD NO						
COMPOUND	TYPE	(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		
CIS-1,3-DICHLOROPROPENE							
4-METHYL-2-PENTANONE							
TOLUENE		0.9	0.8				
TRANS-1,3-DICHLOROPROPENE		u	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						

trace = present but below MDL

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.

(1)

STATE LABORATORY OF PUBLIC HEALTH

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

ORGANIC CHEMICAL ANALYSIS

ASE/NEUTRAL AND ACID EXTRACTABLES	LAB NO	016293	016295	016310	016311	016312	016313
	FIELD #	21589	21591	21606	21607	21608	21609
COMPOUND	TYPE	(6)	(7)	(3)	(3)	(3)	(3)
	UNITS	~~µg/l~~ µg/g	~~µg/l~~ µg/g	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg	~~µg/l~~ µg/kg
N-nitrosodimethylamine	10/330	u	u	u	u	u	u
s(2-chloroethyl)ether							
chlorophenol							
phenol							
3-dichlorobenzene							
4-dichlorobenzene							
1,2-dichlorobenzene							
bis(2-chloroisopropyl)ether							
xachloroethane							
nitroso-di-n-propylamine							
nitrobenzene							
ophorone							
nitrophenol							
2,4-dimethylphenol							
is(2-chloroethoxy)methane							
4-dichlorophenol							
1,2,4-trichlorobenzene							
naphthalene		380					
xachlorobutadiene		u					
chloro-m-cresol							
hexachlorocyclopentadiene							
4,6-trichlorophenol							
loronaphthalene							
acenaphthylene							
imethyl phthalate							
6-dinitrotoluene							
acenaphthene							
2,4-dinitrophenol	50/1650						
4-dinitrotoluene	10/330						
nitrophenol	50/1650						
fluorene	10/330	165					
chlorophenylphenylether		u					
ethyl phthalate							
4,6-dinitro-o-cresol	50/1650						
iphenylamine	10/330						
obenzene							
4-bromophenylphenylether							
hexachlorobenzene							
ntachlorophenol	50/1650						
enanthrene	10/330	360					
anthracene		u					
butyl phthalate							
uoranthene							

MDL
H_2O/SOIL

- Estimated value.
- 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
- Not analyzed.
- Tentative identification.
- 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	016293	016295	016310	016311	016312	016313
	FIELD #	21589	21591	21606	21607	21608	21609
COMPOUND	TYPE	(6)	(7)	(3)	(3)	(3)	(3)
	UNITS	~~µg/l~~ µg/g	~~µg/l~~ µg/g	~~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		2,700					
2-methylphenol		U					
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.
2/ - On NRDC List of Priority Pollutants.

(3)

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	016314	016315	016316	016317	016318	016319
	FIELD #	21610	21611	21612	21613	21614	21615
COMPOUND	TYPE	(3)	(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
N-nitrosodimethylamine	10/330	U	U	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

- Estimated value.
- 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
- Not analyzed.
- 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	016314	016315	016316	016317	016318	016319
	FIELD #	21610	21611	21612	21613	21614	21615
COMPOUND	TYPE	(3)	(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/501L

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

(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 COMPOUND	LAB NO	016320		016321		016322		016331		016332		016333	
	FIELD #	21616		21617		21618		21627		21628		21629	
	TYPE	(3)		(3)		(3)		(1)		(1)		(2)	
	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		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

- Estimated value.
- 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
- Not analyzed.
- Tentative identification.
- 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	016320	016321	016322	016331	016332	016333
	FIELD #	21616	21617	21618	21627	21628	21629
COMPOUND	TYPE	(3)	(3)	(3)	(1)	(1)	(2)
	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	016334	016335	016336			
	FIELD #	21630	21631	21632			
COMPOUND	TYPE	(2)	(2)	(2)	( )	( )	( )
	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			
bis(2-chloroethyl)ether	↓	↓	↓	↓			
chlorophenol							
phenol							
3-dichlorobenzene							
4-dichlorobenzene							
1,2-dichlorobenzene							
bis(2-chloroisopropyl)ether							
xachloroethane							
N-nitroso-di-n-propylamine							
nitrobenzene							
ophorone							
nitrophenol							
2,4-dimethylphenol							
bis(2-chloroethoxy)methane							
4-dichlorophenol							
1,2,4-trichlorobenzene							
naphthalene							
xachlorobutadiene							
4-chloro-m-cresol							
hexachlorocyclopentadiene							
4,6-trichlorophenol							
loronaphthalene							
acenaphthylene							
dimethyl phthalate							
6-dinitrotoluene							
acenaphthene	↓						
2,4-dinitrophenol	50/1650						
4-dinitrotoluene	10/330						
4-nitrophenol	50/1650						
fluorene	10/330						
chlorophenylphenylether	↓						
ethyl phthalate	↓						
4,6-dinitro-o-cresol	50/1650						
diphenylamine	10/330						
zobenzene	↓						
4-bromophenylphenylether	↓						
hexachlorobenzene	↓						
ntachlorophenol	50/1650						
phenanthrene	10/330						
anthracene	↓						
butyl phthalate	↓	✓	✓	✓			
uoranthene	↓						

MDL
H_2O/SOIL

- Estimated value.
- 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
- Not analyzed.
- 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	016334	016335	016336			
	FIELD #	21630	21631	21632			
COMPOUND	TYPE	(2)	(2)	(2)	( )	( )	( )
	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			
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/501L

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

N.C. DEPARTMENT OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
P.O.BOX 28047, RALEIGH, N.C. 27611
GAS-LIQUID CHROMATOGRAPHY REPORT SHEET

PROJECT: TRI-COUNTY AIRPORT **DATE OF ANALYSIS:** 11/13-16/2001

Results in PPM

SAMPLE #	Type	Toxaphene	Methyl Parathion	DDE	DDD	DDT	Permethrin	Cypermethrin	Fenvalerate
016293	Concentrate	535,000	82,000	ND	ND	ND	ND	ND	ND
016295	Sludge	ND	125	ND	ND	ND	ND	ND	ND
016310	Soil	272,000	ND	64	11,000	7,276	ND	ND	ND
016311	Soil	4,943	ND	34	4,767	3,470	0.003[1/]	0.910	1.137
016312	Soil	ND	ND	13	1,363	301	0.016[1/]	ND	0.040[1/]
016313	Soil	ND	ND	0.015[1/]	0.078[1/]	ND	ND	ND	ND
016314	Soil	ND	ND	ND	ND	ND	ND	ND	ND
016315	Soil	ND	ND	0.003[1/]	0.010[1/]	ND	ND	ND	ND
016316	Soil	ND	ND	0.004[1/]	0.002[1/]	ND	ND	ND	ND
016317	Soil	ND	ND	0.003[1/]	0.007[1/]	ND	ND	ND	ND
016318	Soil	ND	ND	ND	ND	ND	ND	ND	ND
016319	Soil	ND	ND	ND	ND	ND	ND	ND	ND
016320	Soil	ND	ND	ND	ND	ND	ND	ND	ND
016321	Soil	ND	ND	ND	ND	ND	ND	ND	ND
016322	Soil	ND	ND	ND	ND	ND	ND	ND	ND

Comments: 30 grams soil extracted, analyzed by GC/MS Analysis. Estimated Detection Limits (EDL) =0.100 ppm based on lowest standard injected.
[1/] Levels below EDL/MDL detected. Concentrate prepared by waste dilution method.

C:\My Documents\Reports\016293.DOC

N.C. DEPARTMENT OF HEALTH AND HUMAN SERVICES
STATE LABORATORY OF PUBLIC HEALTH
P.O.BOX 28047, RALEIGH, N.C. 27611
GAS-LIQUID CHROMATOGRAPHY REPORT SHEET

PROJECT: TRI-COUNTY AIRPORT **DATE OF ANALYSIS:** 11/13-16/2001

Results in PPM

SAMPLE #	Type	Toxaphene	Methyl Parathion	DDE	DDD	DDT	Permethrin	Cypermethrin	Fenvalerate
016331	Water	ND	ND	ND	ND	ND	ND	ND	ND
016332 [2/]	Water	ND	ND	ND	ND	ND	ND	ND	ND
016333 [3/]	Water	ND	ND	<0.0001 [1/]	<0.0001 [1/]	ND	ND	ND	ND
016334 [3/]	Water	ND	ND	<0.0001 [1/]	<0.0001 [1/]	ND	ND	ND	ND
016335	Water	ND	ND	ND	ND	ND	ND	ND	ND
016336	Water	ND	ND	ND	ND	ND	ND	ND	ND

Comments: 1000 mls water extracted, analyzed by GC/MS Analysis. Estimated Detection Limits (EDL) =0.0001 ppm based on lowest standard injected.
[1/] Levels below EDL/MDL detected. [2/] Heptachlor Epoxide below EDL/MDL detected. [3/] Hydrocarbons possible.

C:\My Documents\Reports\016331.DOC