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SITE SCREENING INVESTIGATION
SOUTHERN WOOD PIEDMONT FACILITY
WILMINGTON, NORTH CAROLINA

Prepared Under
TDD NO. F4-8411-0#
CONTRACT NO. 68-01-6699

Revision 0

FOR THE

AIR AND WASTE MANAGEMENT DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

APRIL 18, 1986

NUS CORPORATION
SUPERFUND DIVISION

CERCLA

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1.0 INTRODUCTION

A site screening sampling investigation was conducted at the Southern Wood Piedmont Site, Wilmington, North Carolina on January 7, 1985. The investigation was conducted by Barbara Hansen Benoy, Bob Donaghue, Bob Rose, and Maurice Rowan, Jr., NUS Corporation, Region IV, Field Investigation Team (FIT) at the request of the U. S. Environmental Protection Agency, Air and Waste Management Division in accordance with Technical Directive Document (TDD) No. F4-8411-03. The investigation was conducted under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA).

The purpose of this investigation was to identify contaminants which may be present at the site, if any, and to determine whether these materials may be migrating offsite.

2.0 SITE CHARACTERIZATION

2.1 Site Description

The Southern Wood Piedmont site is located on Greenfield Street in Wilmington, North Carolina (New Hanover County). The site occupies approximately 52 acres adjacent to the Cape Fear River. Shown in Figure 1, the Southern Wood Piedmont site is specifically located at coordinates 34° 13' N Latitude and 77° 57' W Longitude, and is shown on the Wilmington Quadrangle, United States Geologic Survey Topographic Map, dated 1979.

2.2 Site History

During World War I the site was developed to construct concrete barges and ships. A wood treating facility was constructed at the site about 1932. The Taylor-Colquitt Company purchased this plant in 1935, and Southern Wood Piedmont purchased the Taylor-Colquitt Company in 1964 and operated the plant until it closed in 1983. A 35 acre parcel of the site is owned by the City of Wilmington and the remaining acreage is owned by the State of North Carolina Ports Authority (1). Creosote coal tar was the only preservative used in the wood preserving process

until 1972. At that time a separate treating system was installed using chromated copper arsenate (CCA) as the preserving agent. In 1980, pentachlorophenol (PCP) preservative treatment was added using the existing creosote cylinder (2).

Previous Superfund investigations have identified several onsite waste disposal areas. Exact dimensions of each of these areas have not been defined. As shown in Figure 2, these areas are:

Area I, Covered Sludge Ditch: Creosote sludges from early plant operations were buried when the ditch was filled in.

Area II, Trash Dump Area: Consisting almost exclusively of wood waste, dirt, and metal waste, small amounts of creosote were deposited here occasionally.

Area III, Dike Area: Old, hard, and solid creosote residuals were used to seal some of the earthen dike near the south slip.

Area IV, Trash Fill Area: A portion of the north slip was filled with trash and capped with creosote sludge.

Additionally, the operating and wood-storage areas were contaminated by spills, leaks and drippings of wood preserving agents (3).

An inspection of the Southern Wood Piedmont site in July, 1984 discovered numerous indications of contamination. An oily sheen was visible on the surface water at several locations within the site. Volatiles were observed escaping from "tars" contained in large storage tanks. The presence of stressed vegetation was noted in areas (4).

Landfarming has been initiated to reduce the concentration of contaminants at the site. In landfarming, highly contaminated soils and sludges are mixed with lightly contaminated soils. The mixture is then fertilized and tilled at regular intervals. Microbial action, sunlight, and aeraqtion is thought to decompose the contaminants (5). The areas used for landfarming are shown in Figure 2.

All treated wood stock and some processing equipment have been removed from the site. Railroad tracks which were used to transport wood have also been removed.

2.3 Hydrogeology

According to the 1958 geologic map of North Carolina, the site occurs in the outcrop area of the Castle Hayne Limestone of middle to late Eocene age (6). Subsequent work, still incomplete, has shown that the bedrock at this site is an unnamed Oligocene limestone. The thickness of this unit is on the order of tens of feet, although the exact thickness is unknown (1).

In 1982 Soil and Material Engineers, Inc., conducted a subsurface investigation of the site for the city of Wilmington and New Hanover County. Subsurface conditions at the site were as follows:

3 to 18 feet of sand/silty sand fill at surface
5 to 19 feet of clayey silt, interpreted to be river deposits
8 to 34 feet of fine to coarse sand
2 to 7 feet of limestone/mar'

Total depth 44-49 feet - auger refusal on limestone (8).

The sand and limestone together comprise the surficial aquifer; water level in this aquifer was measured to be 2 to 3 feet below the land surface (9). The water level in the underlying unnamed limestone is expected to be the same due to the hydraulic connection between the two aquifers.

The limestone aquifer is capable of yielding 10 to 1000 gpm of good quality water. Zones of high transmissivity occur in areas where permeability has been enhanced by fossil replacement.

Ground water beneath the site appears to flow almost parallel to, but slightly towards the Cape Fear River (south, southwest). Law Engineering has determined that the groundwater originating at the site discharges into the Cape Fear River (10).

3.0 OBJECTIVE

The purpose of this site screening was to collect soil and water samples from the Southern Wood Piedmont site and to obtain the analytical data needed to determine the identity of contaminants if any, which do not normally occur in the area.

4.0 SCOPE

It was withing the scope of this investigation to collect ground and surface water samples and soil samples from the site area. The sampling locations were chosen to target the most likely contaminated areas. Subsurface soil samples were not collected, nor did this study include a geophysical evaluation of the site.

5.0 FIELD INVESTIGATION

5.1 Description of Sample Collection Stations

A total of 13 samples, two surface water samples, five groundwater samples, and six soil/sediment samples, were collected during this investigation. A background sediment and surface water sample were collected from areas offsite. One groundwater sample was collected from an artesian well which is used for public supply. Four groundwater samples were collected from existing monitoring wells installed at the site. Monitoring well No. 3 was inoperable and could not be sampled. One composite soil sample was collected from each of the landfarming areas. One composite soil sample was collected from the jetty area. A sediment and surface water sample were collected from the Cape Fear River immediately

adjacent to the site. Figure 2 shows the sampling locations and Table 1 lists all the sampling codes and descriptions. Figure 1 shows the sampling location for the background soil and water samples.

5.2 Field Measurements

Data collected in the field, i.e., pH and temperature of water samples, are shown in Table 7.

5.3 Sample Duplicates

CERCLA regulations dictate that duplicate samples be offered to the current owners of the site. Duplicate samples were collected and reliquished to Southern Wood Piedmont's on-site representative.

5.4 Analytical Laboratories

Analyses of samples collected during this investigation were conducted by laboratories under contract with the U. S. Environmental Protection Agency (EPA) in their Contract Laboratory Program (CLP). Organic water and soil analyses were conducted by UBTL, Salt Lake City, Utah. Inorganic water and soil analyses were conducted by Wilson Laboratories, Salina, Kansas. The results are given in Appendix A.

5.5 Analytical Data Quality

The data used in this report have not been subjected to a Quality Control (QC) review. Use of the data should be restricted to site screening purposes only.

6.0 DISCUSSION OF ANALYTICAL RESULTS

6.1 Groundwater Samples

Results of laboratory analyses of groundwater sample GW-1, collected from monitoring well No. 1 located in the southeast portion of the site, indicate the

presence of ten inorganic constituents. Two of these constituents, lead (14 ug/l) and zinc (40 ug/l), are priority pollutants. These results are shown in Table 2. Organic analyses indicate the presence of nine identified and nine unidentified organic compounds. Benzene (0.3 ug/l, estimated quantity) and ethyl benzene (3 ug/l, estimated quantity) were the only organic constituents detected in this sample which are priority pollutants. These results are shown in Table 3. Pesticides and PCB's were not detected in this sample.

Results of analyses of ground water samples GW-2, collected from monitoring well No. 2 located near the center of the site indicate the presence of nine inorganic constituents. Four of these constituents, arsenic (22 ug/l), chromium (20 ug/l), lead (12 ug/l), and zinc (60 ug/l), are priority pollutants. Table 2 shows these results. Laboratory analyses indicate the presence of fifteen identified and three unidentified organic compounds. Seven of the identified compounds are priority pollutants. These compounds are benzene (0.3 ug/l, estimated quantity), toluene (5 ug/l, estimated quantity), ethyl benzene (5.1 ug/l), naphthalene (290 ug/l), acenaphthene (40 ug/l), fluorene (15 ug/l), and phenanthrene (7.8 ug/l). These results are shown in Table 3. No pesticides and PCB's were detected in this sample.

Results of inorganic analyses of groundwater sample GW-4, collected from monitoring well No. 4 located in the northwest portion of the site, indicate the presence of eight inorganic constituents. Three of these constituents, arsenic (44 ug/l), lead (16 ug/l), and zinc (40 ug/l), are priority pollutants. These results are shown in Table 2.

Laboratory analyses indicate the presence of eleven identified and one unidentified organic compounds. Eight of the identified organic constituents are priority pollutants. These pollutants are toluene (16 ug/l), acenaphthene (3.2 ug/l), fluorene (0.7 ug/l, estimated quantity), phenanthrene (0.5 ug/l), acenaphthylene (0.9 ug/l, estimated quantity), anthracene (2 ug/l, estimated quantity), fluoranthene (7.8 ug/l), and pyrene (10 ug/l, estimated quantity). Table 3 shows these results. Pesticides and PCB's were not detected in this sample.

Results of laboratory analyses of sample GW-5, collected from monitoring well No. 5 located in the northeast portion of the site, indicate the presence of five inorganic constituents, one of which, chromium (20 ug/l), is a priority pollutant. These results are shown in Table 2. Analyses indicate the presence of two identified and two unidentified organic compounds. None of the organic compounds detected in this sample are priority pollutants. Table 3 shows these results. No pesticides or PCB's were detected in this sample.

Results of analyses of groundwater sample AW-01, collected from the artesian well located approximately one-half mile southeast of the site, indicate the presence of one metal, which is not listed as a priority pollutant. These results are shown in Table 2.

Analyses indicate the presence of thirteen identified and two unidentified organic compounds. Ten of the organic constituents are priority pollutants. These organic pollutants are methylene chloride (37 ug/l), 1,1-dichloroethene (1,1-dichloroethylene) (6.6 ug/l), chloroform (63 ug/l), 1,2-dichloroethane (55 ug/l), 1,1,1-trichloroethane (14 ug/l), carbon tetrachloride (38 ug/l), trichloroethene (trichloroethylene) (15 ug/l), bromoform (14 ug/l), tetrachloroethene (tetrachloroethylene) (81 ug/l), and toluene (26 ug/l). These results are shown in Table 3. No pesticides or PCB's were detected in this sample.

6.2 Surface Water Samples

Laboratory analyses of background surface water sample BK-W1, collected from the overflow stream from Greenfield Lake located south of the site, indicate the presence of five inorganic constituents. Cyanide (40 ug/l) is the only inorganic priority pollutant which was detected in this sample. These results are shown in Table 2. Laboratory analyses also indicate that five unidentified organic compounds are present in the sample. No pesticides or PCB's were detected in the sample.

Results of laboratory analyses of surface water sample RB-W, collected from the Cape Fear River from the end of the jetty, indicate the presence of five inorganic constituents; none of which are priority pollutants. Organic analyses indicate the

presence of three unidentified organic compounds. No pesticides or PCB's were detected by analyses of the sample.

6.3 Soil/Sediment Samples

Results of laboratory analyses of background sediment sample BK-S1, collected from the bed of the overflow stream out of Greenfield Lake south of the site, indicate the presence of four inorganic constituents. Two of the constituents, lead (6000 ug/kg) and cyanide (430 ug/kg), are priority pollutants. The results of the inorganic analyses are shown in Table 4. Analyses indicate the presence of eight identified organic compounds, eleven unidentified organic compounds and one unidentified brominated compound. Four of the identified compounds are priority pollutants. These compounds are isophorone (80 ug/kg, estimated quantity), 2-chloronaphthalene (24 ug/kg), flouranthene (300 ug/kg, estimated quantity), and pyrene (500 ug/kg, estimated quantity). These results are shown in Table 5. Pesticide and PCB analyses detected the priority pollutants 4,4'-DDE (P,P'-DDE) (7.4 ug/kg) and 4,4'-DDD (P,P'-DDD) (5.9 ug/kg). These results are shown in Table 6.

Results of laboratory analyses of sediment sample RB-S, collected from the bed of the Cape Fear River at the end of the jetty on site, indicate the presence of five inorganic constituents. Two of these constituents, lead (15,000 ug/kg) and cyanide (225 ug/kg), are priority pollutants. These results are shown in Table 4. Analytical analyses indicate the presence of fourteen identified organic compounds, one unidentified brominated compound, and three unidentified hydrocarbons. These results are shown in Table 5. Analyses did not detect pesticides or PCB's in this sample.

Laboratory analyses of composite soil sample JA-C1, collected from the jetty area, indicate the presence of eight inorganic constituents. Four of these constituents, arsenic (10,000 ug/kg), copper (40,000 ug/kg), lead (12000 ug/kg), and cyanide (880 ug/kg) are priority pollutants. The results of the inorganic analyses are shown in Table 4. Twelve organic constituents were detected by laboratory analyses; nine of these compounds are priority pollutants, two of which are different isomers of the same compound. The organic pollutants are 2-chloronaphthalene (400 ug/kg,

estimated quantity), phenanthrene (4,400 ug/kg), anthracene (2000 ug/kg), estimated quantity), fluoranthene (15,000 ug/kg), pyrene (12,000 ug/kg), benzo(A)anthracene (2,700 ug/kg), benzo(B and/or K)fluoranthene (5,600 ug/kg), and benzo-A-pyrene (4,600 ug/kg). These results are shown in Table 5. Pesticides or PCB's were not detected in this sample.

Analyses of composite soil sample LA-C2, collected from landfarm area A, indicate the presence of twelve inorganic constituents. Seven of these constituents are priority pollutants. These constituents are arsenic (610,000 ug/kg), copper (620,000 ug/kg), chromium (390,000 ug/kg), lead (150,000 ug/kg), zinc (75,000 ug/kg), mercury (480 ug/kg), and cyanide (410 ug/kg). The results of the inorganic analysis are shown in Table 4. Results of laboratory analyses indicate the presence of seventeen identified organic compounds and 2 unidentified polynuclear aromatics. Twelve of the identified compounds are priority pollutants. These organic pollutants are naphthalene (1200 ug/kg), 2-chloronaphthalene (500 ug/kg, estiamted quantity), acenaphthylene (1500 ug/kg), phenanthrene (5400 ug/kg), anthracene (5200 ug/kg), fluoranthene (25000 ug/kg), pyrene (22,000 ug/kg), benzo-A-anthracene (11,000 ug/kg), benzo (B and/or K) fluoranthene (14,000 and 12,000 ug/kg listed for the different isomers), benzo-A-pyrene (11,000 ug/kg), and pentachlorophenol (4000 ug/kg, estimated quantity). These results are shown in Table 5. Pesticides or PCB's were not detected in this sample.

Results of laboratory analyses of composite soil sample LB-C3, collected from landfarm area B, indicate the presence of nine inorganic constituents. Five of these inorganic constituents, arsenic (10,000 ug/kg), copper (30,000 ug/kg), lead (33,000 ug/kg), zinc (20,000 ug/kg), and cyanide (110 ug/kg), are priority pollutants. Table 4 shows these results. Fourteen organic constituents were also detected in this sample. Eleven of the organic compounds are priority pollutants. These compounds are 2-chloronaphthalene (400 ug/kg, estimated quantity), acenaphthylene (1000 ug/kg, estimated quantity), phenanthrene (1400 ug/kg), anthracene (2000 ug/kg, estimated value), fluoranthene (10,000 ug/kg), pyrene (10,000 ug/kg, estimated quantity), benzo(A)anthracene (3,900 ug/kg), chrysene (7100 ug/kg), benzo (B and/or K) fluoranthene (7,300 and 6,600 ug/kg for the different isomers), and benzo-a-pyrene (5,800 ug/kg). These results are shown in Table 5. Pesticides or PCB's were not detected in this sample.

Results of laboratory analyses of composite soil sample LC-C4, collected from landfarm area C, indicate the presence of ten inorganic constituents. Six of the ten inorganic constituents are priority pollutants. These constituents are arsenic (20,000 ug/kg), copper (60,000 ug/kg), chromium (10,000 ug/kg), lead (61,000 ug/kg), zinc (87,000 ug/kg) and mercury (450 ug/kg). These results are shown in Table 4. Analytical analyses detected 29 identified organic compounds, 2 unidentified methylphenanthrenes, 2 unidentified benzofluorenes, and three unidentified methylpyrenes. Sixteen of the identified compounds are priority pollutants. These compounds are acenaphthylene (6,300 ug/kg), acenaphthene (170,000 ug/kg), fluorene (170,000 ug/kg), phenanthrene (390,000 ug/kg), anthracene (170,000 ug/kg), di-N-butylphthalate (6500 ug/kg), fluoranthene (29,000 ug/kg), pyrene (220,000 ug/kg), benzo(A)anthracene (130,000 ug/kg), chrysene (120,000 ug/kg), benzo (B and/or K)fluoranthene (48,000 and 4,500 ug/kg for the different isomers), benzo-A-pyrene (37,000 ug/kg), indeno(1,2,3-CD)pyrene (10,000 ug/kg, estimated quantity), benzo(GHI)perylene (9000 ug/kg) and pentachlorophenol (150,000 ug/kg). These results are shown in Table 5. Analyses did not detected pesticides or PCB's.

7.0 SUMMARY OF ANALYTICAL RESULTS

Constituents which are related to the presence of creosote (11) were detected in soil samples collected both on and off the Southern Wood Piedmont site. Fluoranthene and pyrene, both constituents of creosote, were detected in all of the soil samples collected during this investigation. Anthracene and phenathrene, also creosote components, were found in all of the soil samples collected from the Southern Wood Piedmont site. Chrysene was present in landfarm areas B and C, and in the sediment sample collected from the Cape Fear River. Concentrations of the creosote components fluorene, acenaphthene, and 2-methylnaphthalene were detected in landfarm area C. Naphthalene was found only in landfarm area A.

Monitoring well No. 2, located in the center of the site, contained concentrations of naphthalene, acenaphthene, fluorene, and phenathrene; all these compounds are components of creosote. Monitoring well No. 4, located in the northwest portion of the site, contained concentrations of acenaphthene, fluorene, anthracene, fluoranthene, phenanthrene, and pyrene.

Pentachlorophenol (PCP), used as a wood preserving agent, was detected in landfarm areas A and C. No pentachlorophenol was detected in the water samples.

Concentrations of chromium, copper, and arsenic, a result of the chromated copper arsenate (CCA) wood preserving process, was detected in both soil and water samples. Chromium was detected in landfarm areas A and C and in groundwater samples collected from monitoring wells No. 2 and No. 5. Concentrations of copper and arsenic were detected in the composite soil samples collected from the jetty and the three landfill areas. Groundwater samples collected from monitoring wells No. 2 and No. 4 also contained concentrations of arsenic.

Concentrations of constituents detected in composite soil samples collected from landfarm area C are generally higher than concentrations found at other locations in the site. Landfarm area C was a region of the site where wood treatment was performed. Spillage and leakage of preserving agents during wood treatment probably resulted in the higher concentrations observed.

The artesian well located southeast of the site contained a suite of organic compounds which were not found in samples collected from the site. These constituents include 1,1-dichlorethane, 1,1,1-trichloroethane, chloroform, carbon tetrachloride, and trichloroethane. The direction of ground water flow and the compounds identified make if unlikely that the contaminants in this well originated from the Southern Wood Piedmont. The well supplies water to a fountain which is open to public use.

The background sediment sample, collected from the bed of the stream flowing form Greenfield Lake, contained concentration of the pesticides 4,4'-DDE (P,P'-DDE) and 4,4'-DDD (P,P'-DDD). These were the only pesticides detected during this investigation. Analyses also indicate the presence of pyrene and fluorene in this sample.

The progress of the landfarming technique for reducing concentrations of the wood preserving agents should be monitored. In this manner the effectiveness of the procedure can be determined and alternatives can be implemented if required. Care should be taken to prevent soil runoff into the Cape Fear River during tillage

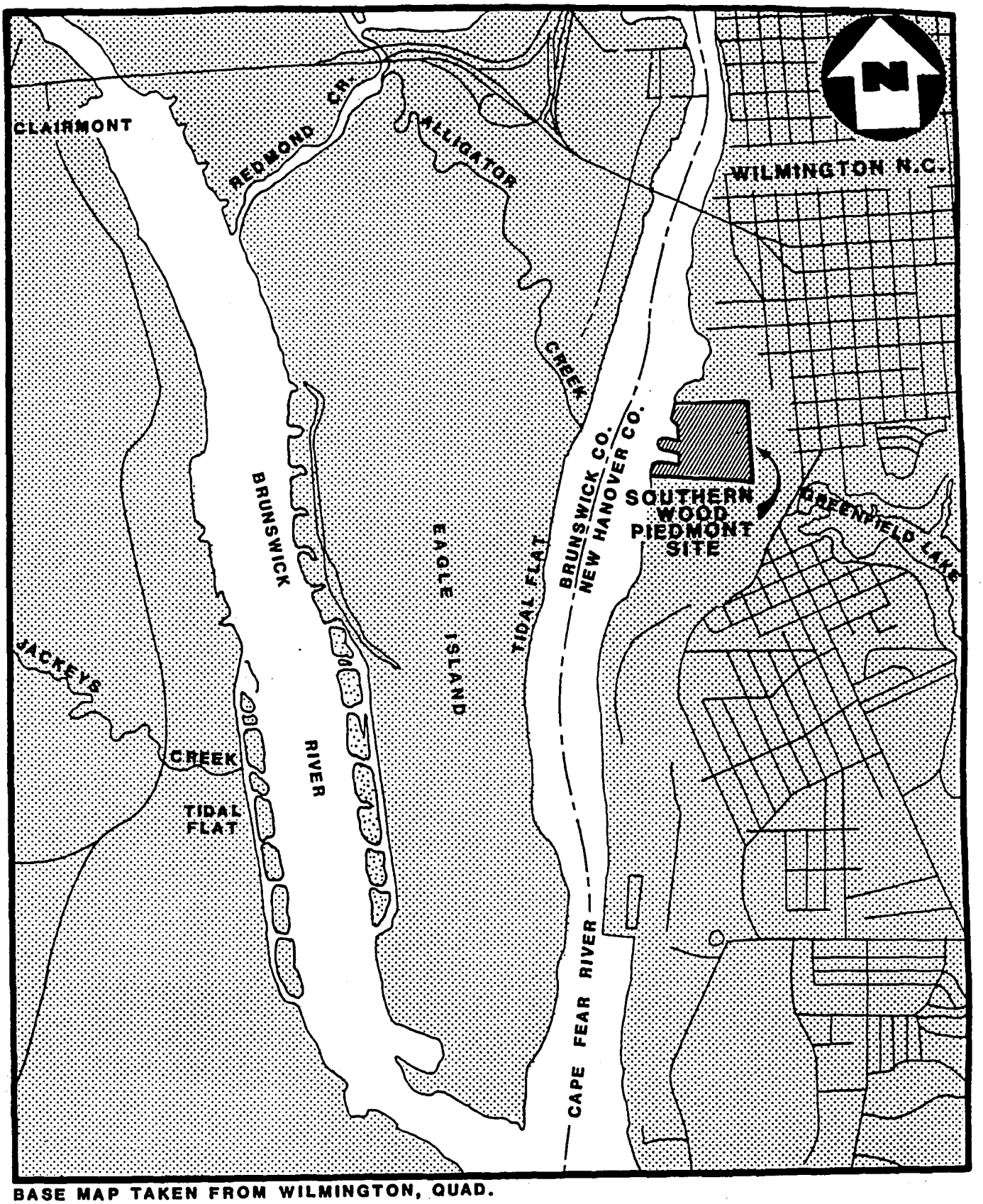
of the landfarm areas Berms or other erosion barriers are possible solutions for preventing contaminated soil from migrating into the Cape Fear River. Landfarming should allow the degradation of the contaminants and not promote contaminant migration.

8.0 METHODOLOGY

All sample collection, sample preservation, and chain-of-custody procedures used during this investigation were in accordance with the standard operating procedures as specified in Sections 3, 4, and 6 of the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); United States Environmental Protection Agency, Region IV, Environmental Services Division, August 1980 and all revisions to the SOP addressed in the following correspondences:

Blackwell, P. (October 21, 1983) Changes in Sampling Procedures.
Lair, D. (September 10, 1984) Solvents Used to Clean Sampling Equipment.
Wilson, C. (December 14, 1983) Region IV Sampling SOP Revisions. (ESD, 1980).

All laboratory analyses and laboratory quality assurance procedures used during this investigation were in accordance with standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual; United States Environmental Protection Agency, Region IV, Environmental Services Division; April 1982, or as specified by the existing United States Environmental Protection Agency Standard procedures and protocols for the contract analytical laboratory program (ESD, 1982).



BASE MAP TAKEN FROM WILMINGTON, QUAD.

SITE LOCATION MAP
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA

FIGURE 1

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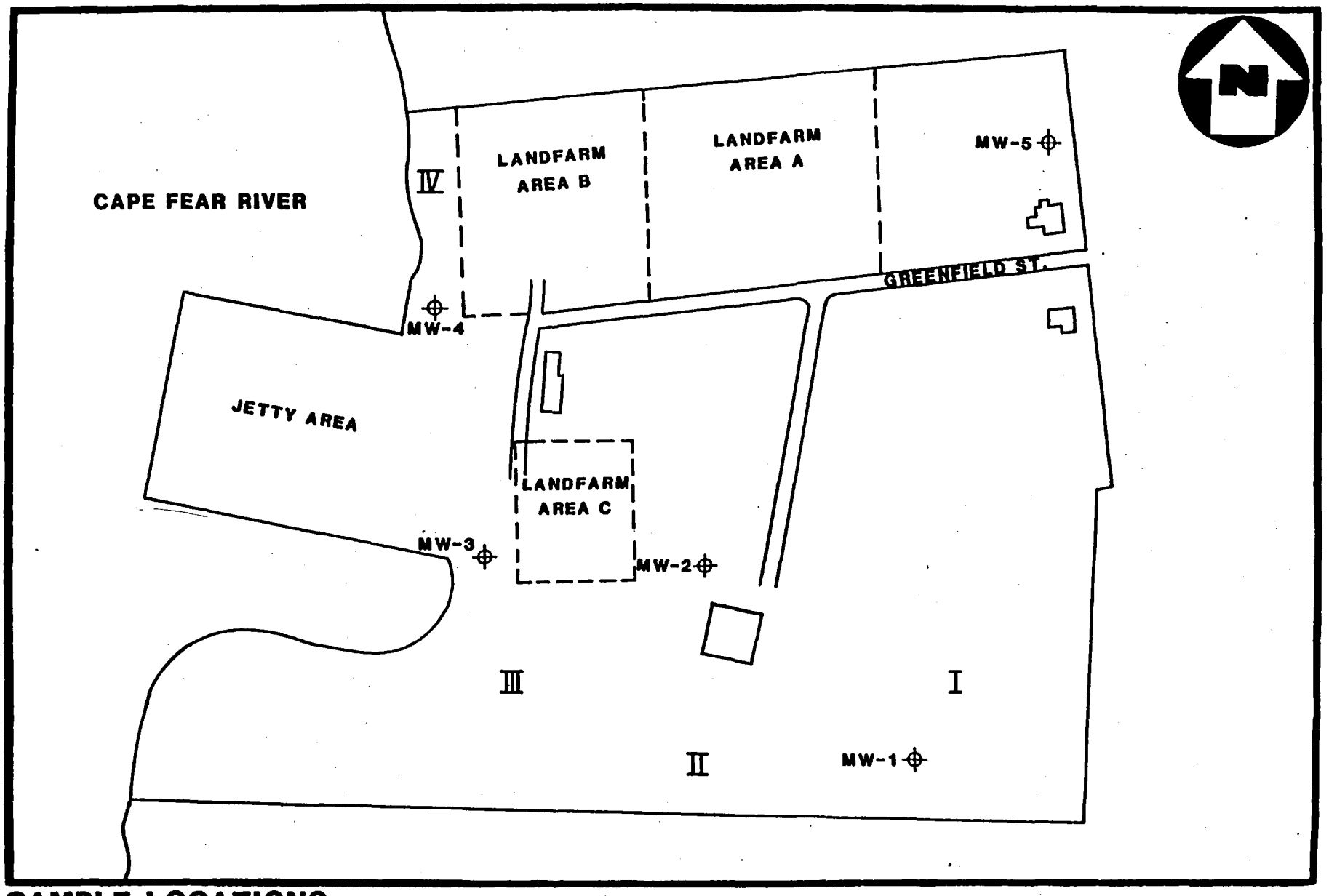

SAMPLE LOCATIONS
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA

LEGEND

⌖ MONITORING WELL

I II III IV ROMAN NUMERALS INDICATE CONTAMINANT DISPOSAL AREAS (SEE TEXT)

FIGURE 2

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TABLE 1
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
SAMPLE CODES AND DESCRIPTIONS

SWP*-BK-W1	Surface Water sample collected from overflow stream from Greenfield Lake south of the site.
SWP-BK-51	Sediment sample collected from above location.
SWP-GW-1	Groundwater sample collected from onsite monitoring well #1.
SWP-GW-2	Groundwater sample collected from onsite monitoring well #2.
SWP-GW-4	Groundwater sample collected from onsite monitoring well #4.
SWP-GW-5	Groundwater sample collected from onsite monitoring well #5.
SWP-RB-W	Surface water sample collected at end of jetty from Cape Fear River.
SWP-RB-S	Sediment sample collected from above location.
SWP-JA-C1	Composite soil sample collected from jetty area.
SWP-LA-CZ	Composite soil sample collected form landfarm area A.
SWP-LB-C3	Composite soil sample collected from landfarm area B.
SWP-LC-C4	Composite soil sample collected from landfarm area C.
SWP-AW-01	Groundwater sample collected from artesian well, (public supply).

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* SWP: Code short for Southern Wood Preserving. This designation will not be used in the narrative report.

TABLE 2
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
INORGANIC ANALYSES
WATER SAMPLES
in ug/l

	SWP-BK-W1	SWP-GW-1	SWP-GW-2	SWP-GW-4	SWP-GW-5	SWP-RB-W	SWP-AW-01
Arsenic*	-	-	22	44	-	-	-
Chromium*	-	-	20	-	20	-	-
Lead*	-	14	12	16	-	-	-
Zinc*	-	40	60	40	-	-	-
Aluminum	500	4,800	7,100	3,500	5,700	1,000	-
Manganese	20	2,000	1,100	300	150	130	-
Iron	680	91,000	46,000	17,000	5,300	2,400	-
Sodium	10,000	2,300,000	9,000	1,400,000	15,000	930,000	6,000
Potassium	-	14,000	6,000	49,000	-	36,000	-
Cyanide*	40	-	-	-	-	-	-

* Priority pollutant.
\- Material analyzed for but not detected.

TABLE 3
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
ORGANIC ANALYSES
WATER SAMPLES
in ug/l

	SWP-BK-W1	SWP-GW-1	SWP-GW-2	SWP-GW-4	SWP GW-5	SWP-RB-W	SWP-AW-01
Methylene Chloride*	-	-	-	-	-	-	37
1,1-Dichloroethene(1,1-Dichloroethylene)*	-	-	-	-	-	-	6.6
Chloroform*	-	-	-	-	-	-	63
1,2-Dichloroethane*	-	-	-	-	-	-	55
1,1,1-Trichloroethane*	-	-	-	-	-	-	14
Carbon Tetrachloride*	-	-	-	-	-	-	38
Bromodichloromethane	-	-	-	-	-	-	60
Trichloroethene(Trichloroethylene)*	-	-	-	-	-	-	15
Benzene*	-	0.3J	0.3J	-	-	-	-
Dibromochloromethane	-	-	-	-	-	-	38
Bromoform*	-	-	-	-	-	-	14
Tetrachloroethene(Tetrachloroethylene)*	-	-	-	-	-	-	81
Toluene*	-	-	5J	16	-	-	26
Chlorobenzene*							
Ethyl Benzene*	-	3J	5.1	-	-	-	-
Methyl Butyl Ketone	-	7J	7J	-	23	-	-
Propene	-	5J	-	-	26	-	-
Acetone	-	-	500	1,000	-	-	-
Chloromethylpropane	-	-	3JN	-	-	-	-
Methyl Ethyl Ketone	-	-	-	30	-	-	-
1 Unidentified Compound	-	4J	-	30JN	-	-	-
Naphthalene*	-	-	290	-	-	-	-
Acenaphthene*	-	-	40	3.2	-	-	-
Fluorene*	-	-	15	0.7J	-	-	-

TABLE 3
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
ORGANIC ANALYSES
WATER SAMPLES
in ug/l
PAGE 2

	SWP-BK-W1	SWP-GW-1	SWP-GW-2	SWP-GW-4	SWP GW-5	SWP-RB-W	SWP-AW-01
Phenanthrene*	-	-	7.8	0.5	-	-	-
Acenaphthylene*	-	-	-	0.9J	-	-	-
Anthracene*	-	-	-	2J	-	-	-
Fluoranthene*	-	-	-	7.8	-	-	-
Pyrene*	-	-	-	10J	-	-	-
Protect	-	8JN	-	-	-	-	-
Prometon	-	50JN	-	-	-	-	-
Tetrahydrodimethylpyranone	-	20JN	-	-	-	-	-
methylheptanol	-	10JN	-	-	-	-	-
C5 Alkyl Benzene	-	7JN	-	-	-	-	-
Dibenzafuran	-	-	14	8	-	-	-
2-Methyl Naphthalene	-	-	18	-	-	-	-
C3 Alkylbenzene	-	-	100JN	-	-	-	-
Benzothiophene	-	-	20JN	-	-	-	-
Nitrocarbazole	-	-	10JN	-	-	-	-
Tribromophenol	-	-	-	-	-	-	10JN
8 Unidentified Compounds	-	100J	-	-	-	-	-
3 Unidentified Compounds	-	-	30J	-	-	30J	-
2 Unidentified Compounds	-	-	-	-	10JN	-	20J
5 Unidentified Compounds	100J	-	-	-	-	-	-

* Priority pollutant.
\- Material analyzed for but not detected.
J Estimated quantity.
N Presumtive evidence of material.

TABLE 4
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
INORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES
in ug/kg

	SWP-BK-S1	SWP-RB-S	SWP-JA-C1	SWP-LA-C2	SWP-LB-C3	SWP-LC-C4
Arsenic*	-	-	10,000	610,000	10,000	20,000
Copper*	-	-	40,000	620,000	30,000	60,000
Chromium*	-	-	-	390,000	-	10,000
Lead*	6,000	15,000	12,000	150,000	33,000	61,000
Vanadium	-	-	-	20,000	-	-
Zinc*	-	-	-	75,000	20,000	87,000
Mercury*	-	-	-	480	-	450
Aluminum	1,700,000	750,000	2,600,000	4,300,000	2,100,000	1,700,000
Manganese	-	20,000	40,000	100,000	52,000	50,000
Calcium	-	-	4,000,000	12,000,000	6,300,000	2,000,000
Iron	930,000	1,400,000	4,800,000	12,000,000	5,800,000	6,600,000
Cyanide*	430	225	880	410	110	-

* Priority pollutant.
\- Material analyzed for but not detected.

TABLE 5
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
ORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES
in ug/kg

	SWP-BK-S1	SWP-RB-S	SWP-JA-C1	SWP-LA-C2	SWP-LB-C3	SWP-LC-C4
Naphthalene*	-	-	-	1,200	-	-
Isophorone*	80J	60J	-	-	-	-
2-Chloronaphthalene*	24	19	400J	500J	400J	-
Acenaphthylene*	-	30J	-	1,500	1,000J	6,300
Acenaphthene*	-	-	-	-	-	170,000
Fluorene*	-	-	-	-	-	170,000
Phenanthrene*	-	70	4,400	5,400	1,400	390,000
Anthracene*	-	70J	2,000J	5,200	2,000J	170,000
Di-N-Butylphthalate*	-	-	-	-	-	6,500
Fluoranthene*	300J	350	15,000	25,000	10,000	29,000
Pyrene*	500J	300J	12,000	22,000	10,000J	220,000
Benzo(A)Anthracene*	-	78	2,700	11,000	3,900	130,000
Chrysene*	-	160	-	-	7,100	120,000
Benzo(B and/or K)Fluoranthene* (1)	-	110	5,600	14,000	7,300	48,000
Benzo(B and/or K)Fluoranthene* (1)	-	100J	5,600	12,000	6,600	4,500
Benzo-A-Pyrene*	-	90J	4,600	11,000	5,800	37,000
Indeno(1,2,3-CD)Pyrene*	-	-	-	-	-	10,000J
Benzo(GHI)Perylene*	-	-	-	-	-	9,000
Pentachlorophenol*	-	-	-	4,000J	-	150,000
Dimethyheptanone	10,000JN					
Hexadecanoic Acid	20JN					
Acetyloxyhexanone	2,000JN	2,000JN				
Dimethylfuranone	8,000JN	5,000JN				

(1) For Benzol(B and/or K)Fluoranthene, there is no distinction on laboratory data sheets between the two isomers, the above data could represent total concentrations for the two isomers or replicate concentrations of one isomer.

TABLE 5
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
ORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES
in ug/kg
PAGE 2

	SWP-BK-S1	SWP-RB-S	SWP-JA-C1	SWP-LA-C2	SWP-LB-C3	SWP-LC-C4
Dibenzofuran	-	-	300J	900J	300J	110,000
Tetrahydrodimethylpyranone	-	-	7,000JN	-	-	-
Benzo(J)Fluoranthene	-	-	3,000JN	6,000JN	4,000JN	40,000JN
Dimethyltetrahydropyran-2-one	-	-	-	8,000JN	-	-
Benzo(GHI)Fluoranthene	-	-	-	4,000JN	-	-
2-Methyl Naphthalene	-	-	-	-	-	16,000
Ethylideneindene	-	-	-	-	-	10,000JN
Dimethylnaphthalenes	-	-	-	-	-	20,000JN
Xanthene	-	-	-	-	-	20,000JN
Methyldibenzofuran	-	-	-	-	-	40,000JN
Methylfluorene	-	-	-	-	-	20,000JN
Dihydronapthafuran	-	-	-	-	-	8,000JN
Cyclopentaphenathrene	-	-	-	-	-	70,000JN
Benzo(B)Napthothiophene	-	-	-	-	-	40,000JN
11 Unidentified Compounds	200,000J	-	-	-	-	-
1 Unidentified Brominated Compound	5,000J	30,000JN	-	-	-	-
3 Unidentified Hydrocarbons	-	10,000J	-	-	-	-
2 Unidentified Polynuclear Aromatics	-	-	-	5,000J	-	-
2 Unidentified Methylphenanthrenes	-	-	-	-	-	70,000J
2 Unidentified Benzofluorene Compounds	-	-	-	-	-	100,000J
3 Unidentified Methylpyrenes	-	-	-	-	-	60,000J
Fluoratrichloromethane	-	-	-	10JN	10JN	-
Pinene	-	-	-	-	-	7JN
Trimethylcyclohexanone	-	-	-	-	-	6JN

* Priority pollutants.
\- Material analyzed for but not detected.
J Estimated quantity.
N Presumptive evidence of material.

TABLE 6
SOUTHERN WOOD PIEDMONT SITE
WILMINGTON, NORTH CAROLINA
PESTICIDES AND PCB ANALYSES
SOIL/SEDIMENT SAMPLES
in ug/kg

	SWP-BK-S1	SWP-RB-S	SWP-JA-C1	SWP-LA-C2	SWP-LB-C3	SWP-LC-C4
4,4'-DDE (P,P'-DDE)*	7.4	-	-	-	-	-
4,4'-DDD (P,P'-DDD)*	5.9	-	-	-	-	-

* Priority pollutant.
\- Material analyzed for but not detected.

TABLE 7
FIELD MEASUREMENTS
SOUTHERN WOOD PIEDMONT
WILMINGTON, NORTH CAROLINA

Sample Code	Time*	pH (S.U.)	Temp. °C
BK-W1	0950	7.5	10
GW-1	1045	5.85	16
GW-2	1335	6.4	17
GW-4	1440	6.85	16
GW-5	0940	5.85	14
AW-01	1645	7.8	13

* All measurements taken on January 7, 1985.

APPENDIX A

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): *ILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010	MG/L	CYANIDE	00720

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: S-P-GW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
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DATA SHOULD BE LIMITED TO SITE SCREENING.

****

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HAWSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): ORTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-KR-W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MDRWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.04	MG/L	CYANIDE	00720

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NA1-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD, REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
20U	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
14	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
40	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
4800	UG/L	ALUMINUM
2000	UG/L	MANGANESE
80	MG/L	CALCIUM
48	MG/L	MAGNESIUM
91	MG/L	IRON
230	MG/L	SODIUM
14	MG/L	POTASSIUM

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
22	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
20	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
12	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
60	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
7100	UG/L	ALUMINUM
1100	UG/L	MANGANESE
35	MG/L	CALCIUM
8	MG/L	MAGNESIUM
46	MG/L	IRON
9	MG/L	SODIUM
6	MG/L	POTASSIUM

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-046 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
44	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
16	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
40	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
3500	UG/L	ALUMINUM
300	UG/L	MANGANESE
66	MG/L	CALCIUM
160	MG/L	MAGNESIUM
17	MG/L	IRON
1400	MG/L	SODIUM
49	MG/L	POTASSIUM

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
20U	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
20	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
4U	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
20U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5700	UG/L	ALUMINUM
15U	UG/L	MANGANESE
42	MG/L	CALCIUM
2U	MG/L	MAGNESIUM
5.3	MG/L	IRON
15	MG/L	SODIUM
2U	MG/L	POTASSIUM

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
20U	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
4U	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
20U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
200U	UG/L	ALUMINUM
15U	UG/L	MANGANESE
43	MG/L	CALCIUM
2U	MG/L	MAGNESIUM
0.1U	MG/L	IRON
6.0	MG/L	SODIUM
2U	MG/L	POTASSIUM

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: GROUND

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SMP-RB-W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): ORTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
20U	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
4U	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
14U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
20U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
1000	UG/L	ALUMINUM
130	UG/L	MANGANESE
41	MG/L	CALCIUM
100	MG/L	MAGNESIUM
2.4	MG/L	IRON
930	MG/L	SODIUM
36	MG/L	POTASSIUM

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): ORTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
20U	UG/L	ARSENIC
NA	UG/L	BORON
200U	UG/L	BARIUM
3U	UG/L	BERYLLIUM
2U	UG/L	CADMIUM
30U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
NA	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
4U	UG/L	LEAD
60U	UG/L	ANTIMONY
6U	UG/L	SELENIUM
40U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
70U	UG/L	THALLIUM
10U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
20U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
50U	UG/L	ALUMINUM
2U	UG/L	MANGANESE
23	MG/L	CALCIUM
2U	MG/L	MAGNESIUM
0.68	MG/L	IRON
1U	MG/L	SODIUM
2U	MG/L	POTASSIUM

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NA1=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO: 370230C

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
0.3J	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
3J	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO: 370230D

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
0.3J	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5.1	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
5.1	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO: 370230E

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN. RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
16	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO: 370230A

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
37	UG/L	METHYLENE CHLORIDE
6.6	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
63	UG/L	CHLOROFORM
55	UG/L	1,2-DICHLOROETHANE
14	UG/L	1,1,1-TRICHLOROETHANE
38	UG/L	CARBON TETRACHLORIDE
60	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
15	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
38	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
14	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
81	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
26	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-W
STORET STATION NO: 370230G

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO: 370230B

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
5U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
5U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
10U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	M-XYLENE
5U	UG/L	O&P-XYLENE(MIXED)

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO: 370230C

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
15U	ACETONE
5U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
7J	METHYL BUTYL KETONE
5J	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
800JN	PROPENE
4J	1 UNIDENTIFIED COMPOUND

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO: 370230D

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
500	ACETONE
5U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
7J	METHYL BUTYL KETONE
5U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
3JN	CHLOROMETHYLPROPANE
100JN	PROPENE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
1000	ACETONE
30	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
90JN	PROPENE
30JN	1 UNIDENTIFIED AROMATIC COMPOUND

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
15U	ACETONE
5U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
23	METHYL BUTYL KETONE
26	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO: 370230A

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
15U	ACETONE
5U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
5U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-W
STORET STATION NO: 370230G

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
15U	ACETONE
5U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO: 370230B

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
15U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO: 370230C

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
5U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
5U	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
5U	UG/L	ACENAPHTHYLENE
5U	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
5U	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
5U	UG/L	PHENANTHRENE
5U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO: 370230D

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
5U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
290	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
5U	UG/L	ACENAPHTHYLENE
40	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
15	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
7.8	UG/L	PHENANTHRENE
5U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO: 370230E

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
5U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
5U	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
0.9J	UG/L	ACENAPHTHYLENE
32	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
0.7J	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
0.5	UG/L	PHENANTHRENE
2J	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
7.8	UG/L	FLUORANTHENE
10J	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
5U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
5U	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
5U	UG/L	ACENAPHTHYLENE
5U	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
5U	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
5U	UG/L	PHENANTHRENE
5U	UG/L	ANTHRACENE
5U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO: 370230A

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
5U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
5U	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
5U	UG/L	ACENAPHTHYLENE
5U	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
5U	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
5U	UG/L	PHENANTHRENE
5U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
5U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-W
STORET STATION NO: 370230G

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
10U	UG/L	1,3-DICHLOROBENZENE
10U	UG/L	1,4-DICHLOROBENZENE
10U	UG/L	1,2-DICHLOROBENZENE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	BIS(2-CHLOROETHOXY) METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE
10U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
18U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
10U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
10U	UG/L	2-CHLOROPHENOL
10U	UG/L	2-NITROPHENOL
10U	UG/L	PHENOL
10U	UG/L	2,4-DIMETHYLPHENOL
10U	UG/L	2,4-DICHLOROPHENOL
10U	UG/L	2,4,6-TRICHLOROPHENOL
10U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
10U	UG/L	2-METHYL-4,6-DINITROPHENOL
10U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO: 370230B

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
11U	UG/L	BENZIDINE
5U	UG/L	1,3-DICHLOROBENZENE
5U	UG/L	1,4-DICHLOROBENZENE
5U	UG/L	1,2-DICHLOROBENZENE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
5U	UG/L	HEXACHLOROETHANE
5U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
5U	UG/L	N-NITROSODI-N-PROPYLAMINE
5U	UG/L	NITROBENZENE
5U	UG/L	HEXACHLOROBUTADIENE
5U	UG/L	1,2,4-TRICHLOROBENZENE
5U	UG/L	NAPHTHALENE
5U	UG/L	BIS(2-CHLOROETHOXY) METHANE
5U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
5U	UG/L	2-CHLORONAPHTHALENE
5U	UG/L	ACENAPHTHYLENE
5U	UG/L	ACENAPHTHENE
5U	UG/L	DIMETHYL PHTHALATE
5U	UG/L	2,4-DINITROTOLUENE
5U	UG/L	2,6-DINITROTOLUENE
5U	UG/L	4-CHLOROPHENYL PHENYL ETHER
5U	UG/L	FLUORENE
5U	UG/L	DIETHYL PHTHALATE
5U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
5U	UG/L	HEXACHLOROBENZENE (HCB)
5U	UG/L	4-BROMOPHENYL PHENYL ETHER
5U	UG/L	PHENANTHRENE
5U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
5U	UG/L	BENZO(A)ANTHRACENE
5U	UG/L	CHRYSENE
20U	UG/L	3,3'-DICHLOROBENZIDINE
5U	UG/L	DI-N-OCTYLPHTHALATE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
5U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
5U	UG/L	2-CHLOROPHENOL
5U	UG/L	2-NITROPHENOL
5U	UG/L	PHENOL
5U	UG/L	2,4-DIMETHYLPHENOL
5U	UG/L	2,4-DICHLOROPHENOL
5U	UG/L	2,4,6-TRICHLOROPHENOL
5U	UG/L	4-CHLORO-3-METHYLPHENOL
10U	UG/L	2,4-DINITROPHENOL
5U	UG/L	2-METHYL-4,6-DINITROPHENOL
5U	UG/L	PENTACHLOROPHENOL
11U	UG/L	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO: 370230C

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
5U	DIBENZOFURAN
10U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE
8JN	PROTECT
50JN	PROMETON
20JN	TETRAHYDRODIMETHYLPYRANONE
10JN	METHYLHEPTANOL
7JN	C5 ALKYL-BENZENE
100J	8 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO: 370230D

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
14	DIBENZOFURAN
18	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE
100JN	C3 ALKYLBENZENE
20JN	BENZOTHIOPHENE
10JN	NITROCARBAZOLE
30J	3 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO: 370230E

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN. RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
8.0	DIBENZOFURAN
10U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
5U	DIBENZOFURAN
10U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE
10J	2 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO: 370230A

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
5U	DIBENZOFURAN
10U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE
10JN	TRIBROMOPHENOL
20J	2 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-W
STORET STATION NO: 370230G

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
5U	DIBENZOFURAN
10U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
21U	3-NITROANILINE
5U	4-NITROANILINE
30J	3 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO: 3702308

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
5U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
5U	2,4,5-TRICHLOROPHENOL
10U	ANILINE
5U	BENZYL ALCOHOL
10U	4-CHLOROANILINE
5U	DIBENZOFURAN
5U	2-METHYL NAPHTHALENE
5U	2-NITROANILINE
30U	3-NITROANILINE
5U	4-NITROANILINE
100J	5 UNIDENTIFIED COMPOUNDS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6274 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-1
STORET STATION NO: 370230C

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4646 INORG SAMPLE NO.: MDA415
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.1U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.3U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.3U	UG/L	PCB-1232 (AROCLOR 1232)
0.3U	UG/L	PCB-1248 (AROCLOR 1248)
0.3U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.1U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.1U	UG/L	METHOXYCHLOR
0.1U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6275 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-2
STORET STATION NO: 370230D

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4647 INORG SAMPLE NO.: MDA416
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	
0.01U	UG/L	ALDRIN	
0.01U	UG/L	HEPTACHLOR	
0.01U	UG/L	HEPTACHLOR EPOXIDE	
0.01U	UG/L	ALPHA-BHC	
0.01U	UG/L	BETA-BHC	
0.01U	UG/L	GAMMA-BHC (LINDANE)	
0.01U	UG/L	DELTA-BHC	
0.01U	UG/L	ENDOSULFAN I (ALPHA)	
0.01U	UG/L	DIELDRIN	
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	
0.01U	UG/L	4,4'-DDE (P,P'-DDE)	
0.01U	UG/L	4,4'-DDD (P,P'-DDD)	
0.01U	UG/L	ENDRIN	
0.01U	UG/L	ENDOSULFAN II (BETA)	
0.3U	UG/L	ENDOSULFAN SULFATE	
0.1U	UG/L	CHLORDANE (TECH. MIXTURE)	/1
0.3U	UG/L	PCB-1242 (AROCLOR 1242)	
0.3U	UG/L	PCB-1254 (AROCLOR 1254)	
0.3U	UG/L	PCB-1221 (AROCLOR 1221)	
0.3U	UG/L	PCB-1232 (AROCLOR 1232)	
0.3U	UG/L	PCB-1248 (AROCLOR 1248)	
0.3U	UG/L	PCB-1260 (AROCLOR 1260)	
0.3U	UG/L	PCB-1016 (AROCLOR 1016)	
0.3U	UG/L	TOXAPHENE	
0.02U	UG/L	ENDRIN ALDEHYDE	
NA	UG/L	2,3,7,8 TCDD(DIOXIN)	
--	UG/L	CHLORDENE	/2
--	UG/L	ALPHA-CHLORDENE	/2
--	UG/L	GAMMA-CHLORDENE	/2
--	UG/L	1-HYDROXYCHLORDENE	/2
--	UG/L	GAMMA-CHLORDANE	/2
--	UG/L	TRANS-NONACHLOR	/2
--	UG/L	ALPHA-CHLORDANE	/2
--	UG/L	CIS-NONACHLOR	/2
0.1U	UG/L	METHOXYCHLOR	
0.1U	UG/L	ENDRIN KETONE	

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6276 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-4
STORET STATION NO: 370230E

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4648 INORG SAMPLE NO.: MDA417
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.1U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.3U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.3U	UG/L	PCB-1232 (AROCLOR 1232)
0.3U	UG/L	PCB-1248 (AROCLOR 1248)
0.3U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.3U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.1U	UG/L	METHOXYCHLOR
0.1U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6273 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-GW-5
STORET STATION NO: 370230F

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4645 INORG SAMPLE NO.: MDA414
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.1U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.1U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.1U	UG/L	PCB-1232 (AROCLOR 1232)
0.1U	UG/L	PCB-1248 (AROCLOR 1248)
0.1U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.1U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.1U	UG/L	METHOXYCHLOR
0.1U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6270 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-AW-01
STORET STATION NO: 370230A

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA657 INORG SAMPLE NO.: MDA419
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.1U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.1U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.1U	UG/L	PCB-1232 (AROCLOR 1232)
0.1U	UG/L	PCB-1248 (AROCLOR 1248)
0.1U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.1U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.1U	UG/L	METHOXYCHLOR
0.1U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6269 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-W
STORET STATION NO: 370230G

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA656 INORG SAMPLE NO.: MDA418
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.01U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.3U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.3U	UG/L	PCB-1232 (AROCLOR 1232)
0.3U	UG/L	PCB-1248 (AROCLOR 1248)
0.3U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.1U	UG/L	TOXAPHENE
0.06U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.06U	UG/L	METHOXYCHLOR
0.06U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C6268 SAMPLE TYPE: MONWL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-W1
STORET STATION NO: 3702308

SAMPLE COLLECTION: START DATE/TIME 01/08/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA494 INORG SAMPLE NO.: MDA420
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.01U	UG/L	ALDRIN
0.01U	UG/L	HEPTACHLOR
0.01U	UG/L	HEPTACHLOR EPOXIDE
0.01U	UG/L	ALPHA-BHC
0.01U	UG/L	BETA-BHC
0.01U	UG/L	GAMMA-BHC (LINDANE)
0.01U	UG/L	DELTA-BHC
0.01U	UG/L	ENDOSULFAN I (ALPHA)
0.01U	UG/L	DIELDRIN
0.03U	UG/L	4,4'-DDT (P,P'-DDT)
0.01U	UG/L	4,4'-DDE (P,P'-DDE)
0.01U	UG/L	4,4'-DDD (P,P'-DDD)
0.01U	UG/L	ENDRIN
0.01U	UG/L	ENDOSULFAN II (BETA)
0.3U	UG/L	ENDOSULFAN SULFATE
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.3U	UG/L	PCB-1242 (AROCLOR 1242)
0.3U	UG/L	PCB-1254 (AROCLOR 1254)
0.3U	UG/L	PCB-1221 (AROCLOR 1221)
0.3U	UG/L	PCB-1232 (AROCLOR 1232)
0.3U	UG/L	PCB-1248 (AROCLOR 1248)
0.3U	UG/L	PCB-1260 (AROCLOR 1260)
0.3U	UG/L	PCB-1016 (AROCLOR 1016)
0.1U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.1U	UG/L	METHOXYCHLOR
0.1U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): DRTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.88	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UATL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.41	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.11	MG/KG	CYANIDE	00721

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): UATL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.13U	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.22	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

SPECIFIED ANALYSIS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B5C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): UNTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.43	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
6U	MG/KG	SILVER
10	MG/KG	ARSENIC
NA	MG/KG	BORON
100U	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
6U	MG/KG	CHROMIUM
40	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
12	MG/KG	LEAD
40U	MG/KG	ANTIMONY
4U	MG/KG	SELENIUM
20U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
9U	MG/KG	THALLIUM
6U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
10U	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.06U	MG/KG	MERCURY
2600	MG/KG	ALUMINUM
40	MG/KG	MANGANESE
4000	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
4800	MG/KG	IRON
3000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
20	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
7U	MG/KG	SILVER
610	MG/KG	ARSENIC
NA	MG/KG	BORON
100U	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
390	MG/KG	CHROMIUM
670	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
150	MG/KG	LEAD
40U	MG/KG	ANTIMONY
4U	MG/KG	SELENIUM
30U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
9U	MG/KG	THALLIUM
20	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
75	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.48	MG/KG	MERCURY
4300	MG/KG	ALUMINUM
100	MG/KG	MANGANESE
12000	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
12000	MG/KG	IRON
3000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
27	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NA1-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
5U	MG/KG	SILVER
10	MG/KG	ARSENIC
NA	MG/KG	BORON
1000	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
5U	MG/KG	CHROMIUM
30	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
33	MG/KG	LEAD
30U	MG/KG	ANTIMONY
3U	MG/KG	SELENIUM
20U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
7U	MG/KG	THALLIUM
5U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
20	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
2100	MG/KG	ALUMINUM
52	MG/KG	MANGANESE
6300	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
5800	MG/KG	IRON
3000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
5	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): OBIL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
6U	MG/KG	SILVER
20	MG/KG	ARSENIC
NA	MG/KG	BORON
1000U	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
10	MG/KG	CHROMIUM
60	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
61	MG/KG	LEAD
40U	MG/KG	ANTIMONY
4U	MG/KG	SELENIUM
20U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
9U	MG/KG	THALLIUM
6U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
87	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.45	MG/KG	MERCURY
1700	MG/KG	ALUMINUM
50	MG/KG	MANGANESE
2000	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
6600	MG/KG	IRON
3000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
20	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: H5C6278 SAMPLE TYPE: SOIL

PROJECT NO.: H5-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): UATL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
5U	MG/KG	SILVER
10U	MG/KG	ARSENIC
NA	MG/KG	BORON
100U	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
5U	MG/KG	CHROMIUM
5U	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
15	MG/KG	LEAD
30U	MG/KG	ANTIMONY
3U	MG/KG	SELENIUM
20U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
7U	MG/KG	THALLIUM
5U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
10U	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
750	MG/KG	ALUMINUM
20	MG/KG	MANGANESE
500U	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
1400	MG/KG	IRON
3000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
7	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/26/85

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-045 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, #OOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): UNTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: MAW

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	ELEMENT
7U	MG/KG	SILVER
10U	MG/KG	ARSENIC
NA	MG/KG	BORON
100U	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
20U	MG/KG	COBALT
7U	MG/KG	CHROMIUM
7U	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10U	MG/KG	NICKEL
6	MG/KG	LEAD
40U	MG/KG	ANTIMONY
4U	MG/KG	SELENIUM
30U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
10U	MG/KG	THALLIUM
7U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
10U	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.07U	MG/KG	MERCURY
1700	MG/KG	ALUMINUM
10U	MG/KG	MANGANESE
700U	MG/KG	CALCIUM
1000U	MG/KG	MAGNESIUM
930	MG/KG	IRON
4000U	MG/KG	SODIUM
1000U	MG/KG	POTASSIUM
31	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
5U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
5U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
5U	UG/KG	BROMODICHLOROMETHANE
5U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
5U	UG/KG	ETHYL BENZENE
5U	UG/KG	M-XYLENE
5U	UG/KG	O&P-XYLENE(MIXED)
7.7	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
5U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
5U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
5U	UG/KG	BROMODICHLOROMETHANE
10U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
5U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
5U	UG/KG	ETHYL BENZENE
10U	UG/KG	M-XYLENE
10U	UG/KG	O&P-XYLENE(MIXED)
16	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
5U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
5U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
5U	UG/KG	BROMODICHLOROMETHANE
5U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
5U	UG/KG	ETHYL BENZENE
5U	UG/KG	M-XYLENE
5U	UG/KG	O&P-XYLENE(MIXED)
5.8	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): UATL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
10U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
5U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
10U	UG/KG	BROMODICHLOROMETHANE
5U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
5U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/KG	TOLUENE
5U	UG/KG	CHLOROBENZENE
5U	UG/KG	ETHYL BENZENE
5U	UG/KG	M-XYLENE
5U	UG/KG	O&P-XYLENE(MIXED)
8.3	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R5C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
10U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
5U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
5U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
5U	UG/KG	BROMODICHLOROMETHANE
10U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
10U	UG/KG	ETHYL BENZENE
5U	UG/KG	M-XYLENE
5U	UG/KG	O&P-XYLENE(MIXED)
12	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
5U	UG/KG	CHLOROMETHANE
5U	UG/KG	BROMOMETHANE
5U	UG/KG	VINYL CHLORIDE
5U	UG/KG	CHLOROETHANE
5U	UG/KG	METHYLENE CHLORIDE
5U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1-DICHLOROETHANE
5U	UG/KG	TRANS-1,2-DICHLOROETHENE
5U	UG/KG	CHLOROFORM
5U	UG/KG	1,2-DICHLOROETHANE
10U	UG/KG	1,1,1-TRICHLOROETHANE
5U	UG/KG	CARBON TETRACHLORIDE
5U	UG/KG	BROMODICHLOROMETHANE
10U	UG/KG	1,2-DICHLOROPROPANE
5U	UG/KG	TRANS-1,3-DICHLOROPROPENE
5U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/KG	BENZENE
10U	UG/KG	DIBROMOCHLOROMETHANE
5U	UG/KG	1,1,2-TRICHLOROETHANE
5U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	2-CHLOROETHYLVINYL ETHER
5U	UG/KG	BROMOFORM
5U	UG/KG	1,1,2,2-TETRACHLOROETHANE
25U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/KG	TOLUENE
10U	UG/KG	CHLOROBENZENE
5U	UG/KG	ETHYL BENZENE
10U	UG/KG	M-XYLENE
10U	UG/KG	O&P-XYLENE(MIXED)
32	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
16U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
20UJ	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
10JN	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
16U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
10JN	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
16U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
5U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
7JN	PINENE
6JN	TRIMETHYLCYCLOHEXANONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
20U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
25U	ACETONE
10U	METHYL ETHYL KETONE
5U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
5U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10000U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
20000U	UG/KG	BENZIDINE
1000U	UG/KG	1,3-DICHLOROBENZENE
1000U	UG/KG	1,4-DICHLOROBENZENE
1000U	UG/KG	1,2-DICHLOROBENZENE
5000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
5000U	UG/KG	HEXACHLOROETHANE
10000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
10000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2000U	UG/KG	NITROBENZENE
2000U	UG/KG	HEXACHLOROBUTADIENE
2000U	UG/KG	1,2,4-TRICHLOROBENZENE
1000U	UG/KG	NAPHTHALENE
5000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2000U	UG/KG	ISOPHORONE
11000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400J	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	ACENAPHTHYLENE
5000U	UG/KG	ACENAPHTHENE
1000U	UG/KG	DIMETHYL PHTHALATE
1000U	UG/KG	2,4-DINITROTOLUENE
3000U	UG/KG	2,6-DINITROTOLUENE
1000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	FLUORENE
3000U	UG/KG	DIETHYL PHTHALATE
2000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
3000U	UG/KG	HEXACHLOROBENZENE (HCB)
3000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
4400	UG/KG	PHENANTHRENE
2000J	UG/KG	ANTHRACENE
5000U	UG/KG	DI-N-BUTYLPHTHALATE
15000	UG/KG	FLUORANTHENE
12000	UG/KG	PYRENE
4000U	UG/KG	BENZYL BUTYL PHTHALATE
3000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
2700	UG/KG	BENZO(A)ANTHRACENE
3000U	UG/KG	CHRYSENE
20000U	UG/KG	3,3'-DICHLOROBENZIDINE
10000U	UG/KG	DI-N-OCTYLPHTHALATE
5600	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
5600	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
4600	UG/KG	BENZO-A-PYRENE
11000U	UG/KG	INDENO (1,2,3-CD) PYRENE
11000U	UG/KG	DIBENZO(A,H)ANTHRACENE
10000U	UG/KG	BENZO(GHI)PERYLENE
1000U	UG/KG	2-CHLOROPHENOL
2000U	UG/KG	2-NITROPHENOL
5000U	UG/KG	PHENOL
4000U	UG/KG	2,4-DIMETHYLPHENOL
2000U	UG/KG	2,4-DICHLOROPHENOL
1000U	UG/KG	2,4,6-TRICHLOROPHENOL
3000U	UG/KG	4-CHLORO-3-METHYLPHENOL
11000U	UG/KG	2,4-DINITROPHENOL
4000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4000U	UG/KG	PENTACHLOROPHENOL
12000U	UG/KG	4-NITROPHENOL
7.7	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
8000U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
13000U	UG/KG	BENZIDINE
1000U	UG/KG	1,3-DICHLOROBENZENE
1000U	UG/KG	1,4-DICHLOROBENZENE
1000U	UG/KG	1,2-DICHLOROBENZENE
5000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
4000U	UG/KG	HEXACHLOROETHANE
8000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
8000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2000U	UG/KG	NITROBENZENE
4000U	UG/KG	HEXACHLOROBUTADIENE
2000U	UG/KG	1,2,4-TRICHLOROBENZENE
1200	UG/KG	NAPHTHALENE
2000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2000U	UG/KG	ISOPHORONE
12000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
500J	UG/KG	2-CHLORONAPHTHALENE
1500	UG/KG	ACENAPHTHYLENE
5000U	UG/KG	ACENAPHTHENE
1000U	UG/KG	DIMETHYL PHTHALATE
2000U	UG/KG	2,4-DINITROTOLUENE
3000U	UG/KG	2,6-DINITROTOLUENE
1000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	FLUORENE
3000U	UG/KG	DIETHYL PHTHALATE
2000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
3000U	UG/KG	HEXACHLOROBENZENE (HCB)
3000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
5400	UG/KG	PHENANTHRENE
5200	UG/KG	ANTHRACENE
8000U	UG/KG	DI-N-BUTYLPHTHALATE
25000	UG/KG	FLUORANTHENE
22000	UG/KG	PYRENE
4000U	UG/KG	BENZYL BUTYL PHTHALATE
3000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
11000	UG/KG	BENZO(A)ANTHRACENE
4000U	UG/KG	CHRYSENE
21000U	UG/KG	3,3'-DICHLOROBENZIDINE
10000U	UG/KG	DI-N-OCTYLPHTHALATE
14000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
12000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
11000	UG/KG	BENZO-A-PYRENE
12000U	UG/KG	INDENO (1,2,3-CD) PYRENE
12000U	UG/KG	DIBENZO(A,H)ANTHRACENE
7000U	UG/KG	BENZO(GHI)PERYLENE
1000U	UG/KG	2-CHLOROPHENOL
2000U	UG/KG	2-NITROPHENOL
3000U	UG/KG	PHENOL
4000U	UG/KG	2,4-DIMETHYLPHENOL
2000U	UG/KG	2,4-DICHLOROPHENOL
1000U	UG/KG	2,4,6-TRICHLOROPHENOL
3000U	UG/KG	4-CHLORO-3-METHYLPHENOL
12000U	UG/KG	2,4-DINITROPHENOL
4000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4000J	UG/KG	PENTACHLOROPHENOL
13000U	UG/KG	4-NITROPHENOL
16	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
7000U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
12000U	UG/KG	BENZIDINE
1000U	UG/KG	1,3-DICHLOROBENZENE
1000U	UG/KG	1,4-DICHLOROBENZENE
1000U	UG/KG	1,2-DICHLOROBENZENE
4000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
4000U	UG/KG	HEXACHLOROETHANE
7000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
6000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2000U	UG/KG	NITROBENZENE
5000U	UG/KG	HEXACHLOROBUTADIENE
2000U	UG/KG	1,2,4-TRICHLOROBENZENE
1000U	UG/KG	NAPHTHALENE
3000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2000U	UG/KG	ISOPHORONE
10000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400J	UG/KG	2-CHLORONAPHTHALENE
1000J	UG/KG	ACENAPHTHYLENE
5000U	UG/KG	ACENAPHTHENE
1000U	UG/KG	DIMETHYL PHTHALATE
1000U	UG/KG	2,4-DINITROTOLUENE
3000U	UG/KG	2,6-DINITROTOLUENE
1000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	FLUORENE
3000U	UG/KG	DIETHYL PHTHALATE
2000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
2000U	UG/KG	HEXACHLOROBENZENE (HCB)
3000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1400	UG/KG	PHENANTHRENE
2000J	UG/KG	ANTHRACENE
10000U	UG/KG	DI-N-BUTYLPHTHALATE
10000	UG/KG	FLUORANTHENE
10000J	UG/KG	PYRENE
4000U	UG/KG	BENZYL BUTYL PHTHALATE
3000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3900	UG/KG	BENZO(A)ANTHRACENE
7100	UG/KG	CHRYSENE
20000U	UG/KG	3,3'-DICHLOROBENZIDINE
10000U	UG/KG	DI-N-OCTYLPHTHALATE
7300	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6600	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
5800	UG/KG	BENZO-A-PYRENE
20000U	UG/KG	INDENO (1,2,3-CD) PYRENE
10000U	UG/KG	DIBENZO(A,H)ANTHRACENE
10000U	UG/KG	BENZO(GHI)PERYLENE
1000U	UG/KG	2-CHLOROPHENOL
2000U	UG/KG	2-NITROPHENOL
3000U	UG/KG	PHENOL
4000U	UG/KG	2,4-DIMETHYLPHENOL
2000U	UG/KG	2,4-DICHLOROPHENOL
1000U	UG/KG	2,4,6-TRICHLOROPHENOL
3000U	UG/KG	4-CHLORO-3-METHYLPHENOL
11000U	UG/KG	2,4-DINITROPHENOL
4000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4000U	UG/KG	PENTACHLOROPHENOL
12000U	UG/KG	4-NITROPHENOL
5.8	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
10000U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
12000U	UG/KG	BENZIDINE
1000U	UG/KG	1,3-DICHLOROBENZENE
1000U	UG/KG	1,4-DICHLOROBENZENE
1000U	UG/KG	1,2-DICHLOROBENZENE
4000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
4000U	UG/KG	HEXACHLOROETHANE
7000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
7000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2000U	UG/KG	NITROBENZENE
5000U	UG/KG	HEXACHLOROBUTADIENE
2000U	UG/KG	1,2,4-TRICHLOROBENZENE
1000U	UG/KG	NAPHTHALENE
3000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2000U	UG/KG	ISOPHORONE
11000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1000U	UG/KG	2-CHLORONAPHTHALENE
6300	UG/KG	ACENAPHTHYLENE
170000	UG/KG	ACENAPHTHENE
1000U	UG/KG	DIMETHYL PHTHALATE
1000U	UG/KG	2,4-DINITROTOLUENE
3000U	UG/KG	2,6-DINITROTOLUENE
1000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
170000	UG/KG	FLUORENE
4000U	UG/KG	DIETHYL PHTHALATE
4000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
4000U	UG/KG	HEXACHLOROBENZENE (HCB)
4000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
390000	UG/KG	PHENANTHRENE
170000	UG/KG	ANTHRACENE
6500	UG/KG	DI-N-BUTYLPHTHALATE
29000	UG/KG	FLUORANTHENE
220000	UG/KG	PYRENE
4000U	UG/KG	BENZYL BUTYL PHTHALATE
4000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
130000	UG/KG	BENZO(A)ANTHRACENE
120000	UG/KG	CHRYSENE
20000U	UG/KG	3,3'-DICHLOROBENZIDINE
10000U	UG/KG	DI-N-OCTYLPHTHALATE
48000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
45000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
37000	UG/KG	BENZO-A-PYRENE
10000J	UG/KG	INDENO (1,2,3-CD) PYRENE
11000U	UG/KG	DIBENZO(A,H)ANTHRACENE
9000	UG/KG	BENZO(GHI)PERYLENE
1000U	UG/KG	2-CHLOROPHENOL
2000U	UG/KG	2-NITROPHENOL
4000U	UG/KG	PHENOL
4000U	UG/KG	2,4-DIMETHYLPHENOL
2000U	UG/KG	2,4-DICHLOROPHENOL
2000U	UG/KG	2,4,6-TRICHLOROPHENOL
4000U	UG/KG	4-CHLORO-3-METHYLPHENOL
11000U	UG/KG	2,4-DINITROPHENOL
4000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
150000	UG/KG	PENTACHLOROPHENOL
12000U	UG/KG	4-NITROPHENOL
8.3	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
400U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
500U	UG/KG	BENZIDINE
100U	UG/KG	1,3-DICHLOROBENZENE
100U	UG/KG	1,4-DICHLOROBENZENE
100U	UG/KG	1,2-DICHLOROBENZENE
400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
200U	UG/KG	HEXACHLOROETHANE
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
100U	UG/KG	NITROBENZENE
200U	UG/KG	HEXACHLOROBUTADIENE
100U	UG/KG	1,2,4-TRICHLOROBENZENE
100U	UG/KG	NAPHTHALENE
100U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
60J	UG/KG	ISOPHORONE
400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
19	UG/KG	2-CHLORONAPHTHALENE
30J	UG/KG	ACENAPHTHYLENE
200U	UG/KG	ACENAPHTHENE
100U	UG/KG	DIMETHYL PHTHALATE
100U	UG/KG	2,4-DINITROTOLUENE
100U	UG/KG	2,6-DINITROTOLUENE
100U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
100U	UG/KG	FLUORENE
100U	UG/KG	DIETHYL PHTHALATE
100U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
100U	UG/KG	HEXACHLOROBENZENE (HCB)
100U	UG/KG	4-BROMOPHENYL PHENYL ETHER
70	UG/KG	PHENANTHRENE
70J	UG/KG	ANTHRACENE
200U	UG/KG	DI-N-BUTYLPHTHALATE
350	UG/KG	FLUORANTHENE
300J	UG/KG	PYRENE
200U	UG/KG	BENZYL BUTYL PHTHALATE
100U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
78	UG/KG	BENZO(A)ANTHRACENE
160	UG/KG	CHRYSENE
700U	UG/KG	3,3'-DICHLOROBENZIDINE
400U	UG/KG	DI-N-OCTYLPHTHALATE
110	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
100J	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
90J	UG/KG	BENZO-A-PYRENE
400U	UG/KG	INDENO (1,2,3-CD) PYRENE
400U	UG/KG	DIBENZO(A,H)ANTHRACENE
400U	UG/KG	BENZO(GHI)PERYLENE
100U	UG/KG	2-CHLOROPHENOL
100U	UG/KG	2-NITROPHENOL
100U	UG/KG	PHENOL
200U	UG/KG	2,4-DIMETHYLPHENOL
100U	UG/KG	2,4-DICHLOROPHENOL
100U	UG/KG	2,4,6-TRICHLOROPHENOL
100U	UG/KG	4-CHLORO-3-METHYLPHENOL
400U	UG/KG	2,4-DINITROPHENOL
200U	UG/KG	2-METHYL-4,6-DINITROPHENOL
200U	UG/KG	PENTACHLOROPHENOL
500U	UG/KG	4-NITROPHENOL
12	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
400U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
600U	UG/KG	BENZIDINE
100U	UG/KG	1,3-DICHLOROBENZENE
100U	UG/KG	1,4-DICHLOROBENZENE
100U	UG/KG	1,2-DICHLOROBENZENE
200U	UG/KG	BIS(2-CHLOROETHYL) ETHER
200U	UG/KG	HEXACHLOROETHANE
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
100U	UG/KG	NITROBENZENE
400U	UG/KG	HEXACHLOROBUTADIENE
100U	UG/KG	1,2,4-TRICHLOROBENZENE
100U	UG/KG	NAPHTHALENE
200U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
80J	UG/KG	ISOPHORONE
500U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
24	UG/KG	2-CHLORONAPHTHALENE
100U	UG/KG	ACENAPHTHYLENE
200U	UG/KG	ACENAPHTHENE
100U	UG/KG	DIMETHYL PHTHALATE
100U	UG/KG	2,4-DINITROTOLUENE
100U	UG/KG	2,6-DINITROTOLUENE
100U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
100U	UG/KG	FLUORENE
100U	UG/KG	DIETHYL PHTHALATE
100U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
100U	UG/KG	HEXACHLOROBENZENE (HCB)
200U	UG/KG	4-BROMOPHENYL PHENYL ETHER
100U	UG/KG	PHENANTHRENE
100U	UG/KG	ANTHRACENE
200U	UG/KG	DI-N-BUTYLPHTHALATE
300J	UG/KG	FLUORANTHENE
500J	UG/KG	PYRENE
200U	UG/KG	BENZYL BUTYL PHTHALATE
200U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
100U	UG/KG	BENZO(A)ANTHRACENE
200U	UG/KG	CHRYSENE
1000U	UG/KG	3,3'-DICHLOROBENZIDINE
500U	UG/KG	DI-N-OCTYLPHTHALATE
100U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
200U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
200U	UG/KG	BENZO-A-PYRENE
500U	UG/KG	INDENO (1,2,3-CD) PYRENE
500U	UG/KG	DIBENZO(A,H)ANTHRACENE
500U	UG/KG	BENZO(GHI)PERYLENE
100U	UG/KG	2-CHLOROPHENOL
100U	UG/KG	2-NITROPHENOL
200U	UG/KG	PHENOL
200U	UG/KG	2,4-DIMETHYLPHENOL
100U	UG/KG	2,4-DICHLOROPHENOL
100U	UG/KG	2,4,6-TRICHLOROPHENOL
200U	UG/KG	4-CHLORO-3-METHYLPHENOL
500U	UG/KG	2,4-DINITROPHENOL
200U	UG/KG	2-METHYL-4,6-DINITROPHENOL
200U	UG/KG	PENTACHLOROPHENOL
600U	UG/KG	4-NITROPHENOL
32	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2000U	BENZOIC ACID
10000U	2-METHYLPHENOL
10000U	4-METHYLPHENOL
5000U	2,4,5-TRICHLOROPHENOL
10000U	ANILINE
2000U	BENZYL ALCOHOL
11000U	4-CHLOROANILINE
300J	DIBENZOFURAN
6000U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
23000U	3-NITROANILINE
5000U	4-NITROANILINE
7000JN	TETRAHYDRODIMETHYLPYRANONE
3000JN	BENZO(J)FLUORANTHENE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2000U	BENZOIC ACID
8000U	2-METHYLPHENOL
8000U	4-METHYLPHENOL
3000U	2,4,5-TRICHLOROPHENOL
11000U	ANILINE
2000U	BENZYL ALCOHOL
12000U	4-CHLOROANILINE
900J	DIBENZOFURAN
7000U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
25000U	3-NITROANILINE
5000U	4-NITROANILINE
8000JN	DIMETHYLTETRAHYDROPYRAN-2-ONE
6000JN	BENZO(J)FLUORANTHENE
4000JN	BENZO(GHI)FLUORANTHENE
5000J	2 UNIDENTIFIED POLYNUCLEAR AROMATICS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LB-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2000U	BENZOIC ACID
7000U	2-METHYLPHENOL
7000U	4-METHYLPHENOL
2000U	2,4,5-TRICHLOROPHENOL
10000U	ANILINE
2000U	BENZYL ALCOHOL
12000U	4-CHLOROANILINE
300J	DIBENZOFURAN
6000U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
22000U	3-NITROANILINE
4000U	4-NITROANILINE
4000JN	BENZO[J]FLUORANTHENE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN. RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2000U	BENZOIC ACID
10000U	2-METHYLPHENOL
10000U	4-METHYLPHENOL
3000U	2,4,5-TRICHLOROPHENOL
10000U	ANILINE
2000U	BENZYL ALCOHOL
11000U	4-CHLOROANILINE
110000	DIBENZOFURAN
16000	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
23000U	3-NITROANILINE
5000U	4-NITROANILINE
10000JN	ETHYLIDENEINDENE
50000JN	DIMETHYLNAPHTHALENE
20000JN	TRIMETHYLNAPHTHALENES
20000JN	XANTHENE
40000JN	METHYLDIBENZOFURAN
20000JN	METHYLFLUORENE
8000JN	DIHYDRONAPHTHOFURAN
70000J	2 UNIDENTIFIED METHYLPHENANTHRENES
70000JN	CYCLOPENTAPHENANTHRENE
100000J	2 UNIDENTIFIED BENZOFLUORENE COMPOUNDS
40000JN	BENZO(B)NAPHTHOTHIOPHENE
40000JN	BENZO(J)FLUORANTHENE
60000J	3 UNIDENTIFIED METHYLPYRENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
100U	BENZOIC ACID
400U	2-METHYLPHENOL
400U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
400U	ANILINE
100U	BENZYL ALCOHOL
400U	4-CHLOROANILINE
100U	DIBENZOFURAN
200U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
800U	3-NITROANILINE
200U	4-NITROANILINE
2000JN	ACETYLOXYHEXANONE
5000JN	DIMETHYLFURANONE
10000J	3 UNIDENTIFIED HYDROCARBONS
30000JN	1 UNIDENTIFIED BROMINATED COMPOUND

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA471
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
100U	BENZOIC ACID
400U	2-METHYLPHENOL
300U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
500U	ANILINE
100U	BENZYL ALCOHOL
500U	4-CHLOROANILINE
100U	DIBENZOFURAN
300U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
1000U	3-NITROANILINE
200U	4-NITROANILINE
200000J	11 UNIDENTIFIED COMPOUNDS
5000J	1 UNIDENTIFIED BROMINATED COMPOUND
10000JN	DIMETHYLHEPTANONE
20JN	HEXADECANOIC ACID
2000JN	ACETYLOXYHEXANONE
8000JN	DIMETHYLFURANONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*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.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6279 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-JA-C1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA497 INORG SAMPLE NO.: MDA423
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING,
DATA REPORTED ON DRY WEIGHT BASIS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	
0.5U	UG/KG	ALDRIN	
0.5U	UG/KG	HEPTACHLOR	
1.0U	UG/KG	HEPTACHLOR EPOXIDE	
0.5U	UG/KG	ALPHA-BHC	
1.0U	UG/KG	BETA-BHC	
0.5U	UG/KG	GAMMA-BHC (LINDANE)	
1.0U	UG/KG	DELTA-BHC	
0.5U	UG/KG	ENDOSULFAN I (ALPHA)	
1.0U	UG/KG	DIELDRIN	
1.0U	UG/KG	4,4'-DDT (P,P'-DDT)	
2.0U	UG/KG	4,4'-DDE (P,P'-DDE)	
4.0U	UG/KG	4,4'-DDD (P,P'-DDD)	
0.5U	UG/KG	ENDRIN	
1.0U	UG/KG	ENDOSULFAN II (BETA)	
33U	UG/KG	ENDOSULFAN SULFATE	
10U	UG/KG	CHLORDANE (TECH. MIXTURE)	/1
11U	UG/KG	PCB-1242 (AROCLOR 1242)	
21U	UG/KG	PCB-1254 (AROCLOR 1254)	
33U	UG/KG	PCB-1221 (AROCLOR 1221)	
11U	UG/KG	PCB-1232 (AROCLOR 1232)	
11U	UG/KG	PCB-1248 (AROCLOR 1248)	
11U	UG/KG	PCB-1260 (AROCLOR 1260)	
33U	UG/KG	PCB-1016 (AROCLOR 1016)	
11U	UG/KG	TOXAPHENE	
2.2U	UG/KG	ENDRIN ALDEHYDE	
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)	
--	UG/KG	CHLORDENE	/2
--	UG/KG	ALPHA-CHLORDENE	/2
--	UG/KG	GAMMA-CHLORDENE	/2
--	UG/KG	1-HYDROXYCHLORDENE	/2
--	UG/KG	GAMMA-CHLORDANE	/2
--	UG/KG	TRANS-NONACHLOR	/2
--	UG/KG	ALPHA-CHLORDANE	/2
--	UG/KG	CIS-NONACHLOR	/2
10U	UG/KG	METHOXYCHLOR	
10U	UG/KG	ENDRIN KETONE	
7.7	%	MOISTURE	

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6280 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LA-C2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA498 INORG SAMPLE NO.: MDA424
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW,
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.2U	UG/KG	ALDRIN
0.7U	UG/KG	HEPTACHLOR
0.7U	UG/KG	HEPTACHLOR EPOXIDE
0.4U	UG/KG	ALPHA-BHC
0.7U	UG/KG	BETA-BHC
0.1U	UG/KG	GAMMA-BHC (LINDANE)
0.8U	UG/KG	DELTA-BHC
0.2U	UG/KG	ENDOSULFAN I (ALPHA)
1.1U	UG/KG	DIELDRIN
40	UG/KG	4,4'-DDT (P,P'-DDT)
0.7U	UG/KG	4,4'-DDE (P,P'-DDE)
1.2U	UG/KG	4,4'-DDD (P,P'-DDD)
0.2U	UG/KG	ENDRIN
60	UG/KG	ENDOSULFAN II (BETA)
36U	UG/KG	ENDOSULFAN SULFATE
12U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
12U	UG/KG	PCB-1242 (AROCLOR 1242)
24U	UG/KG	PCB-1254 (AROCLOR 1254)
36U	UG/KG	PCB-1221 (AROCLOR 1221)
12U	UG/KG	PCB-1232 (AROCLOR 1232)
12U	UG/KG	PCB-1248 (AROCLOR 1248)
12U	UG/KG	PCB-1260 (AROCLOR 1260)
36U	UG/KG	PCB-1016 (AROCLOR 1016)
12U	UG/KG	TOXAPHENE
7U	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
7U	UG/KG	METHOXYCHLOR
7U	UG/KG	ENDRIN KETONE
16	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6281 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LR-C3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA499 INORG SAMPLE NO.: MDA425
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.5U	UG/KG	ALDRIN
0.5U	UG/KG	HEPTACHLOR
1U	UG/KG	HEPTACHLOR EPOXIDE
0.5U	UG/KG	ALPHA-BHC
1U	UG/KG	BETA-BHC
0.5U	UG/KG	GAMMA-BHC (LINDANE)
1U	UG/KG	DELTA-BHC
0.5U	UG/KG	ENDOSULFAN I (ALPHA)
1U	UG/KG	DIELDRIN
5U	UG/KG	4,4'-DDT (P,P'-DDT)
1U	UG/KG	4,4'-DDE (P,P'-DDE)
2U	UG/KG	4,4'-DDD (P,P'-DDD)
0.5U	UG/KG	ENDRIN
1U	UG/KG	ENDOSULFAN II (BETA)
32U	UG/KG	ENDOSULFAN SULFATE
10U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
10U	UG/KG	PCB-1242 (AROCLOR 1242)
30U	UG/KG	PCB-1254 (AROCLOR 1254)
40U	UG/KG	PCB-1221 (AROCLOR 1221)
20U	UG/KG	PCB-1232 (AROCLOR 1232)
20U	UG/KG	PCB-1248 (AROCLOR 1248)
20U	UG/KG	PCB-1260 (AROCLOR 1260)
40U	UG/KG	PCB-1016 (AROCLOR 1016)
20U	UG/KG	TOXAPHENE
3U	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
10U	UG/KG	METHOXYCHLOR
10U	UG/KG	ENDRIN KETONE
5.8	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6284 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-LC-C4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: D4644 INORG SAMPLE NO.: MDA413
CONTRACT LABORATORY(ORGANIC): UBTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.5U	UG/KG	ALDRIN
0.5U	UG/KG	HEPTACHLOR
1.0U	UG/KG	HEPTACHLOR EPOXIDE
0.5U	UG/KG	ALPHA-BHC
1.0U	UG/KG	BETA-BHC
0.5U	UG/KG	GAMMA-BHC (LINDANE)
1.0U	UG/KG	DELTA-BHC
0.5U	UG/KG	ENDOSULFAN I (ALPHA)
1.0U	UG/KG	DIELDRIN
5U	UG/KG	4,4'-DDT (P,P'-DDT)
1U	UG/KG	4,4'-DDE (P,P'-DDE)
5U	UG/KG	4,4'-DDD (P,P'-DDD)
0.5U	UG/KG	ENDRIN
1.0U	UG/KG	ENDOSULFAN II (BETA)
33U	UG/KG	ENDOSULFAN SULFATE
10U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
33U	UG/KG	PCB-1242 (AROCLOR 1242)
33U	UG/KG	PCB-1254 (AROCLOR 1254)
33U	UG/KG	PCB-1221 (AROCLOR 1221)
33U	UG/KG	PCB-1232 (AROCLOR 1232)
33U	UG/KG	PCB-1248 (AROCLOR 1248)
33U	UG/KG	PCB-1260 (AROCLOR 1260)
33U	UG/KG	PCB-1016 (AROCLOR 1016)
33U	UG/KG	TOXAPHENE
3U	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
10U	UG/KG	METHOXYCHLOR
10U	UG/KG	ENDRIN KETONE
8.3%	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6278 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH. WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-RB-S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHB
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA496 INORG SAMPLE NO.: MDA422
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.04U	UG/KG	ALDRIN
0.08U	UG/KG	HEPTACHLOR
0.1U	UG/KG	HEPTACHLOR EPOXIDE
0.08U	UG/KG	ALPHA-BHC
0.1U	UG/KG	BETA-BHC
0.04U	UG/KG	GAMMA-BHC (LINDANE)
0.1U	UG/KG	DELTA-BHC
0.04U	UG/KG	ENDOSULFAN I (ALPHA)
0.2U	UG/KG	DIELDRIN
0.6U	UG/KG	4,4'-DDT (P,P'-DDT)
0.1U	UG/KG	4,4'-DDE (P,P'-DDE)
0.2U	UG/KG	4,4'-DDD (P,P'-DDD)
0.04U	UG/KG	ENDRIN
0.1U	UG/KG	ENDOSULFAN II (BETA)
10U	UG/KG	ENDOSULFAN SULFATE
5U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
5U	UG/KG	PCB-1242 (AROCLOR 1242)
5U	UG/KG	PCB-1254 (AROCLOR 1254)
10U	UG/KG	PCB-1221 (AROCLOR 1221)
5U	UG/KG	PCB-1232 (AROCLOR 1232)
5U	UG/KG	PCB-1248 (AROCLOR 1248)
5U	UG/KG	PCB-1260 (AROCLOR 1260)
10U	UG/KG	PCB-1016 (AROCLOR 1016)
5U	UG/KG	TOXAPHENE
0.4U	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
**	UG/KG	CHLORDENE /2
**	UG/KG	ALPHA-CHLORDENE /2
**	UG/KG	GAMMA-CHLORDENE /2
**	UG/KG	1-HYDROXYCHLORDENE /2
**	UG/KG	GAMMA-CHLORDANE /2
**	UG/KG	TRANS-NONACHLOR /2
**	UG/KG	ALPHA-CHLORDANE /2
**	UG/KG	CIS-NONACHLOR /2
2U	UG/KG	METHOXYCHLOR
2U	UG/KG	ENDRIN KETONE
12	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

06/14/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C6277 SAMPLE TYPE: SOIL

PROJECT NO.: 85-048 PROGRAM ELEMENT: NSF
SOURCE: SOUTH, WOOD PIEDMONT
CITY: WILMINGTON STATE: NC

STATION I.D.: SWP-BK-S1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 01/07/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MHR
ANALYTICAL METHOD:

CASE NO.: 3454 ORG SAMPLE NO: DA495 INORG SAMPLE NO.: MDA421
CONTRACT LABORATORY(ORGANIC): URTL
CONTRACT LABORATORY(INORGANIC): WILSON

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: JWT

REMARKS
THIS DATA HAS NOT BEEN SUBJECTED TO A QC REVIEW.
DATA SHOULD BE LIMITED TO SITE SCREENING.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/KG	ALDRIN
0.1U	UG/KG	HEPTACHLOR
0.1U	UG/KG	HEPTACHLOR EPOXIDE
0.1U	UG/KG	ALPHA-BHC
0.1U	UG/KG	BETA-BHC
0.1U	UG/KG	GAMMA-BHC (LINDANE)
0.2U	UG/KG	DELTA-BHC
0.05U	UG/KG	ENDOSULFAN I (ALPHA)
0.2U	UG/KG	DIELDRIN
0.7U	UG/KG	4,4'-DDT (P,P'-DDT)
7.4	UG/KG	4,4'-DDE (P,P'-DDE)
5.9	UG/KG	4,4'-DDD (P,P'-DDD)
0.05U	UG/KG	ENDRIN
0.1U	UG/KG	ENDOSULFAN II (BETA)
10U	UG/KG	ENDOSULFAN SULFATE
2.2U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
2.2U	UG/KG	PCB-1242 (AROCLOR 1242)
5.9U	UG/KG	PCB-1254 (AROCLOR 1254)
7.4U	UG/KG	PCB-1221 (AROCLOR 1221)
2.5U	UG/KG	PCB-1232 (AROCLOR 1232)
2.5U	UG/KG	PCB-1248 (AROCLOR 1248)
2.5U	UG/KG	PCB-1260 (AROCLOR 1260)
7.4U	UG/KG	PCB-1016 (AROCLOR 1016)
2.5U	UG/KG	TOXAPHENE
0.5U	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
1.5U	UG/KG	METHOXYCHLOR
1.5U	UG/KG	ENDRIN KETONE
32	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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APPENDIX B

Agency
Hazardous Response
Washington, DC 20460
July, 1981

EPA

Potential Hazardous Waste Site

Site Inspection Report

DRAFT

Site Inspection Report

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	D058174 67

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
Southern Wood Piedmont	

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Wilmington	NC		New Hanover		

09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHIP (Check one)
__ __ __ __ __ . __	__ __ __ __ __ . __	☒ A. PRIVATE ☐ B. FEDERAL ____ ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ____ ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
1 7 85 (MONTH DAY YEAR)	☐ ACTIVE ☒ INACTIVE	1932 / 1983 (BEGINNING YEAR / ENDING YEAR) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)

☐ A. EPA ☒ B. EPA CONTRACTOR NUS, Region III FIT (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ____ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR ____ (Name of firm) ☐ G. OTHER ____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Barbara Hansen	Chemist	NUS	(404) 938-7710

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Maurice Lowan	Field Technician	"	( ) "
Bob Donaghue		"	( ) "
Bob Rose	Environmental Sci.	"	( ) "
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Henry Phillips	Manager	Southern Wood Piedmont	( )
			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	0910	Windy, Clear, Cold (≈ 36°F)

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Charles Burdell	Southern Wood Piedmont	(803) 576-7460

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Barbara Hansen		NUS	(404) 938-7710	1 03 85 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	D058517467

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☒ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☐ F. LIQUID
- ☐ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____

CUBIC YARDS _____

NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- ☐ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☐ D. PERSISTENT
- ☐ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☐ J. EXPLOSIVE
- ☐ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Unknown

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Unknown

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Unknown

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (Acres)
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Unknown

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: NC | 02 SITE NUMBER: D058517867

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None observed

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
None observed

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None observed

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids/Leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
None observed

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None observed

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Unknown

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Unknown

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
Unknown

III. TOTAL POPULATION POTENTIALLY AFFECTED: Unknown

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
Site investigation 1/7/85

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	DD585174 67

II. PERMIT INFORMATION Unknown - to be updated

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)
☐ A. SURFACE IMPOUNDMENT			☐ A. INCENERATION
☐ B. PILES			☐ B. UNDERGROUND INJECTION
☐ C. DRUMS, ABOVE GROUND			☐ C. CHEMICAL/PHYSICAL
☐ D. TANK, ABOVE GROUND			☐ D. BIOLOGICAL
☐ E. TANK, BELOW GROUND			☐ E. WASTE OIL PROCESSING
☐ F. LANDFILL			☐ F. SOLVENT RECOVERY
☒ G. LANDFARM			☐ G. OTHER RECYCLING/RECOVERY
☐ H. OPEN DUMP			☐ H. OTHER (Specify)
☐ I. OTHER (Specify)			

05 OTHER

☐ A. BUILDINGS ON SITE

06 AREA OF SITE

_____ (Acres)

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☒ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE ☐ YES ☐ NO

02 COMMENTS

Contaminated ~~Waste~~ Soils landfarmed in 3 areas on site

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

Site inspection 1/23/85

BJ

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE: NC | 02 SITE NUMBER: D058517467

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check all applicable)

	SURFACE	WELL
COMMUNITY	A. ☐	B. ☒
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS: Unknown

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☐
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. 0.75 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☒ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER: Unknown

03 DISTANCE TO NEAREST DRINKING WATER WELL: 0.75 (mi)

04 DEPTH TO GROUNDWATER: Unknown (ft)

05 DIRECTION OF GROUNDWATER FLOW: Unknown

06 DEPTH TO AQUIFER OF CONCERN: Unknown (ft)

07 POTENTIAL YIELD OF AQUIFER: Unknown (gpd)

08 SOLE SOURCE AQUIFER: ☐ YES ☒ NO Unknown

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

Artesian well located less than a mile south-southeast of the site. This well is open for public use.

10 RECHARGE AREA: ☐ YES ☐ NO
COMMENTS: Unknown

11 DISCHARGE AREA: ☐ YES ☐ NO
COMMENTS: Unknown

IV. SURFACE WATER

01 SURFACE WATER USE (Check one): Unknown

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME	AFFECTED	DISTANCE TO SITE
Cape Fear River	☐	0 (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN: Unknown

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. _____ NO. OF PERSONS	B. _____ NO. OF PERSONS	C. _____ NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION: Unknown (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE: ≈200

04 DISTANCE TO NEAREST OFF-SITE BUILDING: 500 ft ~~(mi)~~

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

Unknown, will update with letter report containing sampling results.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: NC
02 SITE NUMBER: D058517467

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one) Unknown

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☐ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one) Unknown

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
Unknown (ft)	Unknown (ft)	Unknown

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
~~48.52~~ 7.5 (in)	3.8-4.0 (in)	0 %	west	%

09 FLOOD POTENTIAL

SITE IS IN _____ YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A _____ (mi)

OTHER: B _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

_____ (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL INDUSTRIAL	RESIDENTIAL AREAS, NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AGRICULTURAL LANDS: AG LAND
A 0.25 (mi)	B _____ (mi)	C _____ (mi)	D _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Prept. - Climatic Atlas of the U.S., U.S. Dept. of Commerce, Natl. Climatic Ctr, Asheville, NC., 1979.

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	D058517467

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	5	UBTL	
SURFACE WATER	2	520 Wakara Way	
WASTE	0	Salt Lake City, Utah 84108	
AIR	0	for organic analysis	
RUNOFF	0		
SPILL	0	Wilson Labs	
SOIL	6	528 North 9th St	
VEGETATION	0	Salina Ks 67401	July 1985
OTHER		inorganic Analysis	

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Mini-alert	NOS Health & Safety Requirement - No ~~readings~~ detection of Radiation
HNU	No readings above background

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☐ GROUND ☐ AERIAL

02 IN CUSTODY OF _____ (name of organization or individual)

03 MAPS ☐ YES ☒ NO

04 LOCATION OF MAPS: Maps to be generated & submitted with report

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

None

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NC	D058517467

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER
Southern Wood Piedmont	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER
10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
12 CITY	13 STATE / 14 ZIP CODE
08 NAME	09 D+B NUMBER
10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
12 CITY	13 STATE / 14 ZIP CODE
08 NAME	09 D+B NUMBER
10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
12 CITY	13 STATE / 14 ZIP CODE
08 NAME	09 D+B NUMBER
10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
12 CITY	13 STATE / 14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D058516467

II. CURRENT OPERATOR (Provide if different from owner)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME		02 D+B NUMBER	10 NAME		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D058517467

II. ON-SITE GENERATOR

01 NAME: Southern Wood Piedmont	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER		01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D058517461

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION None

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION No

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION No

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Non-applicable

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Landfarmed

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Unknown

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Unknown

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Landfarmed

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Unknown

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Unknown

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION Unknown

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION None

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION No

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION None installed

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION No

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION None observed

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION None installed

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: NC | 02 SITE NUMBER: D058517467

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: None observed

01 ☐ S. CAPPING/COVERING — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: No

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Non-applicable

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: No

01 ☐ V. BOTTOM SEALED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: No

01 ☐ W. GAS CONTROL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Unknown

01 ☐ X. FIRE CONTROL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Unknown

01 ☐ Y. LEACHATE TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: None observed

01 ☐ Z. AREA EVACUATED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: No

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: Unknown

01 ☐ 2. POPULATION RELOCATED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION: None

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION:

Five monitoring wells have been installed by SWP, one is no longer functional.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site inspection 1/7/85

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
NC	D058517649

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

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