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Site ID (Document ID):	NCD053488557
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Document Category:	FACILITY

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SOUTHERN WOOD PIEDMONT
HAZARDOUS WASTE INVESTIGATION
GULF, NORTH CAROLINA
EPA ID NO. NC0053488557
ESD NO. 83-190
MAY 31, 1984

INTRODUCTION

A hazardous waste site investigation was conducted at the Southern Wood Piedmont site in Gulf, North Carolina, on September 21, 1983, by Messrs. Charles Till and Ted Vaughan of the US-EPA, Region IV, Environmental Services Division (ESD). This investigation was requested by the US-EPA, Region IV, Air and Hazardous Materials Division (AHMD). Mr. Ed Gibbs, representing Southern Wood Piedmont and Mr. Tom Karnoski, representing the North Carolina Department of Human Resources (NC-DHR) were present during the investigation.

The site is an abandoned landfill that was once used as a wood preserving facility. The process equipment has been dismantled and removed. After the process equipment was removed, the site and the process waste lagoons were covered with fill. Various wood preservatives were used in the operation, but creosote was the major preservative utilized.

The objective of the investigation was to determine if hazardous wastes were migrating off-site via surface drainage. Soil samples were collected from selected locations on and off-site. Surface water samples were not collected because there was no surface water. Groundwater samples could not be collected because there were no known wells (private or public) in the immediate vicinity of the site. Temporary monitoring wells could not be installed because the water table at the site was approximately 40-50 feet below the ground surface.

SUMMARY

Nine soil and sediment samples were collected from selected locations on and off-site. All of the samples contained organic compounds (except for the sample from the southeast edge of the site, SWP-008) that were positively identified and quantified with concentrations ranging from 1,100 ug/kg to 2,900,000 ug/kg. All of the organic compounds detected during this investigation were associated with wood preserving (i.e., creosote and PCP). The off-site sediment samples collected in Little Cedar Creek and the adjacent floodplain contained many of the same organic compounds that were detected in the on-site sediment and soil samples, but in lower concentrations ranging from 2,200 ug/kg to 19,000 ug/kg.

STUDY AREA

The site is located in the small community of Gulf approximately 10 miles from the town of Sanford, North Carolina (figure 1). The site consists of approximately 80 acres, and is bordered to the north by Little Cedar Creek, to the south by a clay mining operation, to the east by woods and to the west by residential areas. The site is divided into two sections by railroad tracks that run through the site in an east/west direction. The plant's main processing areas were located south of the railroad. All of the waste materials generated from the preserving operations were stored in waste lagoons located in the area north of the railroad track. Almost all of the drainage from the site flows north toward Little Cedar Creek via two on-site interconnecting drainage ditches (figure 2).

Geology

The rocks on site are associated with the Cumnock formation of the Deep River basin geologic belt which lies along the eastern edge of the Piedmont Plateau in Chatham County. This Deep River basin geologic belt is a part of the Newark group of Upper Triassic age. The rocks consist of fine-grained siltstones and sandstones (1). The upper portions (west) of the site along the drainage ditch and railroad cuts revealed outcrops of siltstone and sandstone. The rocks in the middle and lower portions of the site have been decomposed by differential weathering. The soils on-site are silt and clay sandy loams (1). The groundwater table in the area of the site is 40 to 50 feet below the ground surface according to state personnel (Tom Karnoski, NC-DHR). The community of Gulf has it's own water system, so there were no private wells in the vicinity of the site from which to collect groundwater samples. Surface water samples could not be collected because the on-site drainage ditches and Little Cedar Creek (intermittent stream) were dry.

RESULTS AND DISCUSSION

During this investigation nine soil and sediment samples were collected. Five of the nine samples were collected on site. The remaining four samples were collected off-site in Little Cedar Creek and the Little Cedar Creek floodplain (figure 2). Sampling location descriptions are given in table 1. The analytical data summary is given in table 2. The complete analytical data sheets are included in the Appendix.

The surface soils on-site had been hauled in or moved from different locations on the site making it very difficult to interpret the metals data in terms of original soil and fill material. All of the samples collected contained nearly the same metals with approximately the same range of concentrations (table 2).

All of the extractable organic compounds detected in the samples collected during this investigation were polynuclear aromatic hydrocarbons (coal-tar derivatives) except for pentachlorophenol and its related compounds. The purgeable organic compounds detected are commercial solvents and related compounds which were used in the wood preserving process.

On-Site Sampling Locations

Sampling location SWF-003 was located in the large drainage ditch (that received almost all of the site drainage) on the east side of the site. Drainage collected in this ditch flows north into Little Cedar Creek. A composite sediment sample (SWP-003) was collected in the ditch bed where sediment had been deposited. Pentrachlorophenol (110,000 ug/kg) and seven PNA compounds were positively identified and quantified with concentrations ranging from 3,200 ug/kg to 16,000 ug/kg. Four other PNA compounds were positively identified with estimated concentrations. One purgeable organic compound (tetrahydrofuran) was tentatively identified with an estimated concentration.

Sampling location SWP-004 was located on the east side of the site in the area where the buried waste lagoon no. 6 was reportedly located. The sample was collected from a depth of 7 to 7.5 feet (approximate bottom of lagoon). Ten PNA compounds were positively identified and quantified with concentrations ranging from 260,000 ug/kg to 2,900,000 ug/kg. Ten other PNA compounds were either tentatively identified or positively identified, all with estimated concentrations. Four purgeable organic compounds were positively identified and quantified with concentrations ranging from 1,100 ug/kg to 5,600 ug/kg. Five other purgeable organic compounds were tentatively identified or positively identified, all with estimated concentrations.

Sampling location SWP-005 was located on the east side of the site adja-adjacent to and south of sampling location SW-004. This location was in the approximate area of waste lagoon no. 5. A soil sample (SWP-005) was collected from a depth of 5 to 6 feet (approximate bottom of lagoon). Nine PNA compounds were positively identified and quantified with concentrations ranging from 690,000 ug/kg to 2,000,000 ug/kg. Ten other PNA compounds were tentatively identified or positively identified, all with estimated concentrations. Five purgeable organic compounds were positively identified with quantifiable concentrations ranging from 2,000 ug/kg to 10,000 ug/kg. Four other purgeable organic compounds were tentatively identified or positively identified, all with estimated concentrations.

Sampling location SWP-007 was located on the south central portion of the site south of the railroad. This area was the plant's main operations and processing area. A composite soil sample (SWP-007) was collected from this area. Pentrachlorophenol and eleven PNA compounds were positively identified and quantified with concentrations ranging from 53,000 ug/kg to 1,100,000 ug/kg. Eight other PNA compounds were positively identified or tentatively identified, all with estimated concentrations. Six purgeable organic compounds were positively identified or tentatively identified, all with estimated concentrations.

Sampling location SWP-008 was located on the southeastern portion of the site along the site boundary. This area (used mostly for storage) was selected to determine if waste materials were migrating from the operations area. A composite sediment sample (SWP-008) was collected from various depositional points in this area. The sample contained no PNA compounds. Two purgeable organic compounds were tentatively identified with estimated concentrations (table 2).

Off-Site Sampling

Sampling location SWP-001 was located in Little Cedar Creek approximately 200 feet downstream (downgradient) from the confluence of Little Cedar Creek and the on-site drainage ditch. A sediment sample (SWP-001) was collected from a depositional area in the streambed. Four extractable organic compounds (PNA's) were positively identified and quantified with concentrations ranging from 2,200 ug/kg to 3,800 ug/kg. Four other organic compounds (PNA's) were positively identified with estimated concentrations. One purgeable organic compound (tetrahydrofuran) was tentatively identified with an estimated concentration.

Sampling location SWP-002 was located in Little Cedar Creek where the large on-site drainage ditch drains into Little Cedar Creek. A sediment sample (SWP-002) was collected in a depositional area at this confluence point. Four PNA compounds were positively identified and quantified with concentrations ranging from 2,200 ug/kg to 4,300 ug/kg. Four other PNA compounds were positively identified with estimated concentrations. Tetrahydrofuran (purgeable organic compound) was tentatively identified with an estimated concentration.

Sampling location SWP-006 was located in the Little Cedar Creek floodplain adjacent to the landfill on the north side of the site. This area received direct drainage from the northern edge of the landfill. A sediment sample SWP-006 was collected in the floodplain along the toe of the landfill. Three PNA compounds were positively identified and quantified with concentrations ranging from 2,200 ug/kg to 4,300 ug/kg (table 2). Five other PNA compounds were positively identified with estimated concentrations. Two purgeable organic compounds (cyclohexanone and tetrahydrofuran) were tentatively identified with estimated concentrations.

Sampling location SWP-009 was located in Little Cedar Creek upstream (upgradient) from the site at the Pottsboro Road Bridge (figure 2). Ten PNA compounds were positively identified and quantified with concentrations ranging from 2,500 ug/kg to 19,000 ug/kg. Two other PNA compounds were positively identified with estimated concentrations. Tetrahydrofuran was tentatively identified with an estimated concentration.

METHODOLOGY

All of the soil samples were collected in accordance with standard operating procedures of the Engineering Support Branch, ESD (2). All laboratory analyses were conducted by the Analytical Support Branch, ESD, in accordance with standard procedures and protocols of the Branch (3).

REFERENCES

1. Explanatory Text for Geologic Map of North Carolina, Jasper L. Stuckey and Stephen G. Conrad, Bulletin Number 71, North Carolina Department of Conservation and Development, 1958.

2. Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (Draft); U. S. Environmental Protection Agency, Region IV, Surveillance and Analysis Division, August 29, 1980.

3. Analytical Support Branch Operations and Quality Control Manual, U.S. Environmental Protection Agency, Region IV, Environmental Services Division, April 1982.

TABLE 1
SAMPLING LOCATION DATA
SOUTHERN WOOD PIEDMONT
GULF, NORTH CAROLINA

Field I.D.	Date	Time	Description	Depth (Feet)	Type of Sample
SWP-001	9/21/83	1200	Little Cedar Creek downstream from site	Surface	Sediment
SWP-002	9/21/83	1210	Confluence of site drainage ditch and Little Cedar Creek	Surface	Sediment
SWP-003	9/21/83	1215	Large drainage ditch	Surface	Sediment
SWP-004	9/21/83	1315	Old waste lagoon No. 6	7 to 7.5	Soil
SWP-005	9/21/83	1330	Old waste lagoon No. 5	5 to 6	Soil
SWP-006	9/21/83	1315	Little Cedar Creek floodplain, north side of site	Surface	Sediment
SWP-007	9/21/83	1445	Old operations area	Surface	Soil
SWP-008	9/21/83	1540	SE edge of site	Surface	Sediment
SWP-009	9/21/83	1600	Little Cedar Creek at Pittboro Road Bridge	Surface	Sediment

TABLE 2
Analytical Data Summary - Soil Samples
Southern Wood Piedmont Wood
Gulf, North Carolina

Back

	SWP-001	SWP-002	SWP-003	SWP-004	SWP-005	SWP-006	SWP-007	SWP-008	SWP-009
	09/21/83 1200	09/21/83 1210	09/21/83 1215	09/21/83 1315	09/21/83 1330	09/21/83 1315	09/21/83 1445	09/21/83 1540	09/21/83 1600
	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ANIC ELEMENT/COMPOUND									
SILVER	2.5	3.2	2.9	1.6	0.99	1.5	2.7	2.1	1.4
ARSENIC	7.9	4.6	6.6	5.6	4.4	3.8	5.9	3.5	2.1
BARIUM	81	120	93	45	56	14	46	100	29
BERYLLIUM	--	--	0.32	0.38	1.1	0.46	0.4	0.3	--
CADMIUM	--	--	--	--	--	--	--	0.08	--
COBALT	10	24	12	9.4	15	15	9.2	11	5.4
CHROMIUM	22	29	26	7.4	6.3	7.2	9.7	13	4.6
COPPER	17	29	18	12	15	12	20	18	3.9
NICKEL	26	43	20	14	20	16	11	14	2.3
LEAD	20	23	20	15	13	15	19	21	6.9
TIN	19X	21X	13X	11X	11X	9.1X	7.7X	9.5X	3.3X
VANADIUM	23	34	25	--	--	--	14	19	12
ZINC	22	24	25	42	50	37	30	36	13
ALUMINUM	9700	12000	8800	5600	4900	5400	6600	6400	3200
MANGANESE	290	560	270	160	160	220	160	940	260
IRON	16000	22000	20000	11000	7500	10000	18000	14000	9500
CTABLE ORGANIC COMPOUNDS									
	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
NAPHTHALENE	--	--	--	1900000	1300000	--	320000	--	--
ACENAPHTHYLENE	--	--	500J	70000J	61000J	360J	37000J	--	1200J
ACENAPHTHENE	--	--	--	1200000	910000	--	490000	--	--
FLUORENE	700J	480J	1100J	1600000	1200000	--	690000	--	340J
PHENANTHRENE	1300J	1400J	2000J	2900000	2000000	450J	1000000	--	2500
ANTHRACENE	3800	2200	6300	880000	590000	4300	250000	--	3800
FLUORANTHENE	3000	4100	16000	1400000	1100000	1200J	1100000	--	14000
PYRENE	2200	3100	12000	1000000	780000	1400J	710000	--	13000
BENZO(A)ANTHRACENE	--	1600J	3900	190000J	150000J	900J	150000	--	5700
CHRYSENE	2600	4300	10000	260000	180000J	2700	260000	--	19000
BENZO(B)FLUORANTHENE	2000J	--	7900	140000J	110000J	2200	150000	--	13000
BENZO-A-PYRENE	--	1600J	3200	77000J	50000J	1300J	53000	--	9100
INDENO (1,2,3-CD) PYRENE	--	--	--	--	--	--	--	--	4400
DIBENZO(A,H)ANTHRACENE	900J	--	--	--	--	--	--	--	--
BENZO(GHI)PERYLENE	--	--	--	--	--	--	--	--	3000
PENTACHLOROPHENOL	--	--	11000	--	--	--	770000	--	--
C2 ALKYLNAPHTHALENE (4 ISOMERS)	--	--	--	800000JN	--	--	--	--	--
CARBAZOLE	--	--	--	300000JN	250000JN	--	--	--	--
1-METHYLNAPHTHALENE	--	--	--	600000JN	500000JN	--	200000JN	--	--
BIPHENYL	--	--	--	400000JN	300000JN	--	100000JN	--	--
C2 ALKYLNAPHTHALENE (2 ISOMERS)	--	--	--	--	500000JN	--	300000JN	--	--
METHYLDIBENZOFURAN	--	--	--	--	--	--	100000JN	--	--
METHYLBIPHENYL	--	--	--	--	--	--	100000JN	--	--
METHYLPHENANTHRENE	--	--	--	250000JN	--	--	300000JN	--	--
CYCLOPENTA(DEF)PHENANTHRENE	--	--	--	250000JN	250000JN	--	400000JN	--	--
PETROLEUM PRODUCT	--	--	--	N	N	--	N	--	--
DIBENZOFURAN	--	--	290J	1000000	700000	--	330000	--	--
2-METHYL NAPHTHALENE	--	--	--	1400000	1100000	--	250000	--	--
ABLE ORGANIC COMPOUNDS									
BENZENE	--	--	--	100J	430J	--	--	--	--
TOLUENE	--	--	--	1600	2500	--	100J	--	--
ETHYL BENZENE	--	--	--	1130	2000	--	100J	--	--
1 UNIDENTIFIED TERPENE	--	--	--	10000JN	10000JN	--	--	--	--
TRIMETHYLCYCLOHEXANONE	--	--	--	1000JN	1000JN	--	--	--	--
TOTAL XYLENES	--	--	--	5600	10000	--	300J	--	--
5 UNIDENTIFIED TERPENES	--	--	--	--	--	--	5000JN	--	--
CYCLOHEXANONE	--	--	--	--	--	20JN	--	10JN	--
ACETONE	--	--	--	2700	3800	--	--	--	--
STYRENE	--	--	--	900J	2000	--	100J	--	--
TETRAHYDROFURAN	10JN	10JN	10JN	100JN	100JN	20JN	100JN	20JN	20JN

Note:

J - Estimated value
N - Presumptive evidence of presence of material
X - Value is suspect

GENERAL LOCATION MAP
SOUTHERN WOOD PIEDMONT HWSI
ILF, NORTH CAROLINA

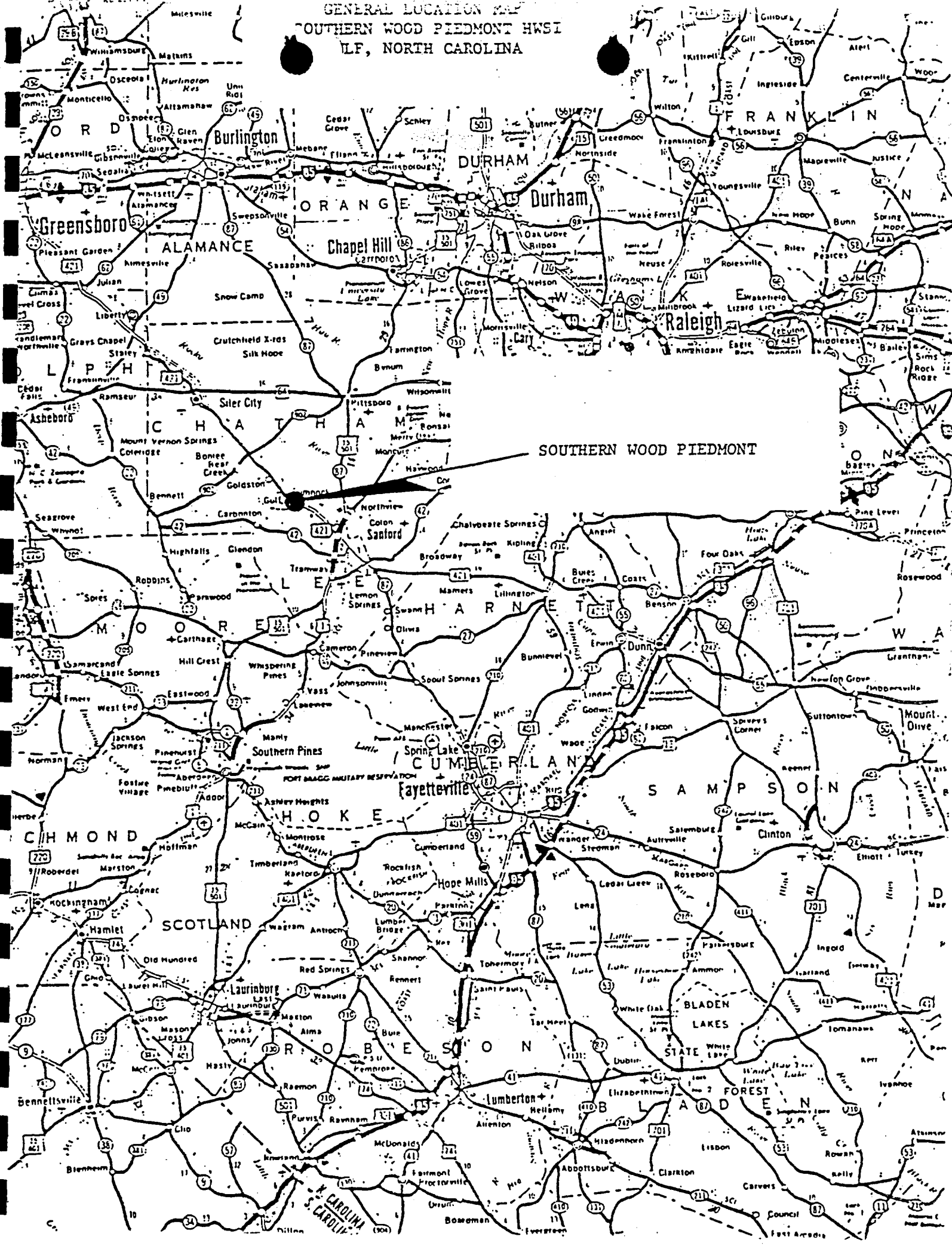
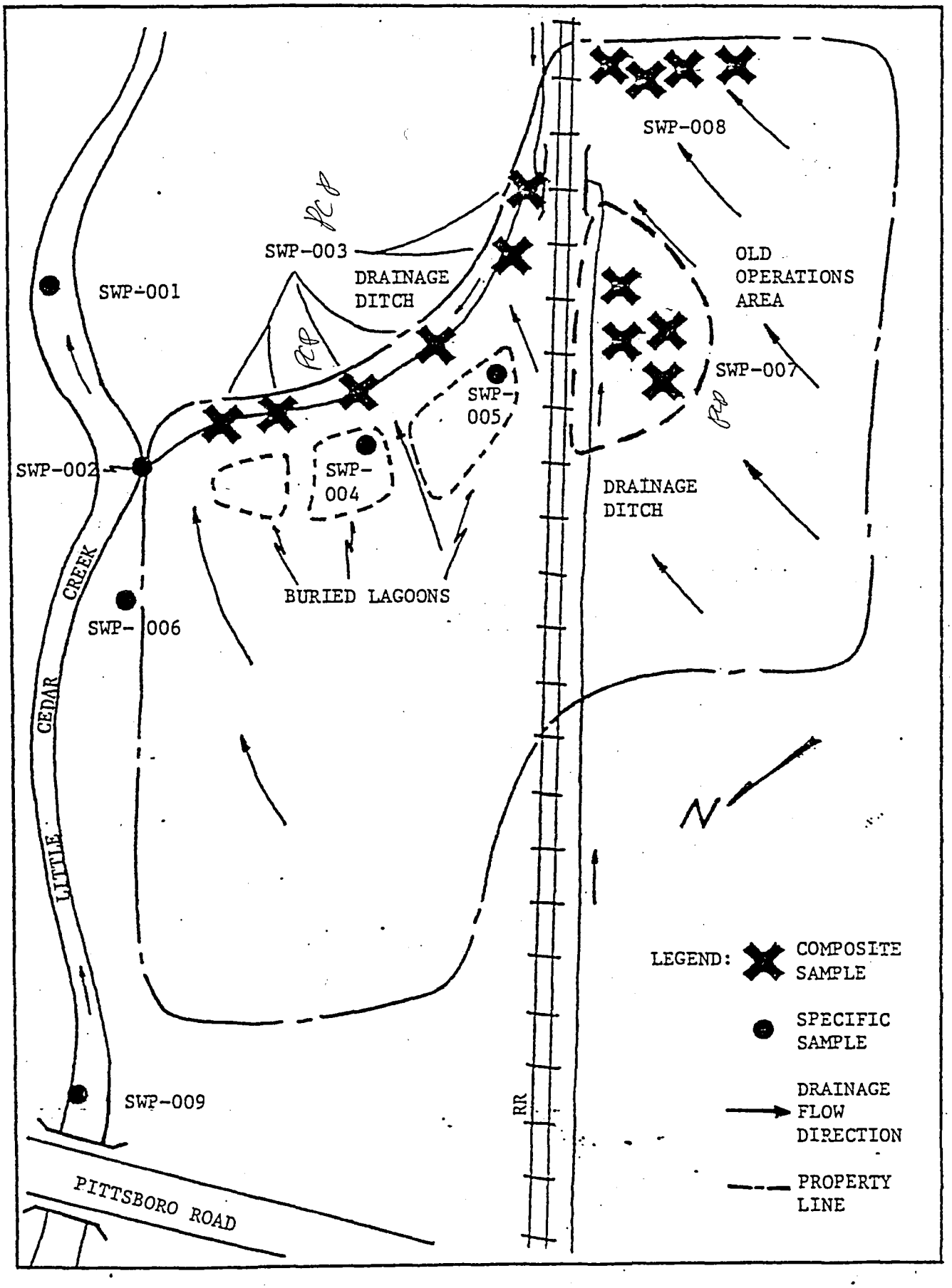


FIGURE 2
SAMPLING LOCATION MAP
SOUTHERN WOOD PIEDMONT HWS
GULF, NORTH CAROLINA



APPENDIX

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

03/02/84

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

SAMPLE NO.: 83C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-001
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ANALYST: JMS
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: MD 353
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: JMS

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ACROLEIN	34213
100U	UG/KG	ACRYLONITRILE	34218
10U	UG/KG	CHLOROMETHANE	34421
10U	UG/KG	BROMOMETHANE	34416
10U	UG/KG	VINYL CHLORIDE	34495
10U	UG/KG	CHLOROETHANE	34314
10U	UG/KG	METHYLENE CHLORIDE	34426
10U	UG/KG	1,1-DICHLOROETHENE	34504
10U	UG/KG	1,1-DICHLOROETHANE	34499
10U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10U	UG/KG	CHLOROFORM	34318
10U	UG/KG	1,2-DICHLOROETHANE	34534
10U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10U	UG/KG	CARBON TETRACHLORIDE	34299
10U	UG/KG	BROMODICHLOROMETHANE	34330
10U	UG/KG	1,2-DICHLOROPROPANE	34544
10U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
10U	UG/KG	TRICHLOROETHENE	34487
10U	UG/KG	BENZENE	34237
10U	UG/KG	DIBROMOCHLOROMETHANE	34309
10U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10U	UG/KG	BROMOFORM	34290
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10U	UG/KG	TETRACHLOROETHENE	34478
10U	UG/KG	TOLUENE	34483
10U	UG/KG	CHLOROBENZENE	34304
10U	UG/KG	ETHYL BENZENE	34374
10U	UG/KG	M-XYLENE	
10U	UG/KG	O&P-XYLENE(MIXED)	
34	%	MOISTURE	70320

****

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

03/02/84

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

SAMPLE NO.: B3C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

EMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: MD 354
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: JMS

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
1000	UG/KG	ACROLEIN	34213
1000	UG/KG	ACRYLONITRILE	34218
100	UG/KG	CHLOROMETHANE	34421
100	UG/KG	BROMOMETHANE	34416
100	UG/KG	VINYL CHLORIDE	34495
100	UG/KG	CHLOROETHANE	34314
100	UG/KG	METHYLENE CHLORIDE	34426
100	UG/KG	1,1-DICHLOROETHENE	34504
100	UG/KG	1,1-DICHLOROETHANE	34499
100	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
100	UG/KG	CHLOROFORM	34318
100	UG/KG	1,2-DICHLOROETHANE	34534
100	UG/KG	1,1,1-TRICHLOROETHANE	34509
100	UG/KG	CARBON TETRACHLORIDE	34299
100	UG/KG	BROMODICHLOROMETHANE	34330
100	UG/KG	1,2-DICHLOROPROPANE	34544
100	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
100	UG/KG	TRICHLOROETHENE	34487
100	UG/KG	BENZENE	34237
100	UG/KG	DIBROMOCHLOROMETHANE	34309
100	UG/KG	1,1,2-TRICHLOROETHANE	34514
100	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
100	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
100	UG/KG	BROMOFORM	34290
100	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
100	UG/KG	TETRACHLOROETHENE	34475
100	UG/KG	TOLUENE	34483
100	UG/KG	CHLOROBENZENE	34301
100	UG/KG	ETHYL BENZENE	34371
100	UG/KG	M-XYLENE	
100	UG/KG	O&P-XYLENE(MIXED)	
30	%	MOISTURE	70320

****

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

03/02/84

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

SAMPLE NO.: B3C3H08 SAMPLE TYPE: SEDIM

PROJECT NO.: B3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-003
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE RECEIVED: DATE/TIME 00/00/00 RECEIVED BY:
SEALED:

CHIST: JMS
ANALYTICAL METHOD:

SAMPLE NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: MD 355
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: JMS

REMARKS

****

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	UNITS	COMPOUND	STORET
100U	UG/KG	ACROLEIN	34213
100U	UG/KG	ACRYLONITRILE	34218
10U	UG/KG	CHLOROMETHANE	34421
10U	UG/KG	BROMOMETHANE	34416
10U	UG/KG	VINYL CHLORIDE	34495
10U	UG/KG	CHLOROETHANE	34314
10U	UG/KG	METHYLENE CHLORIDE	34426
10U	UG/KG	1,1-DICHLOROETHENE	34504
10U	UG/KG	1,1-DICHLOROETHANE	34499
10U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10U	UG/KG	CHLOROFORM	34318
10U	UG/KG	1,2-DICHLOROETHANE	34534
10U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10U	UG/KG	CARBON TETRACHLORIDE	34299
10U	UG/KG	BROMODICHLOROMETHANE	34330
10U	UG/KG	1,2-DICHLOROPROPANE	34544
10U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
10U	UG/KG	TRICHLOROETHENE	34487
10U	UG/KG	BENZENE	34237
10U	UG/KG	DIBROMOCHLOROMETHANE	34309
10U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10U	UG/KG	BROMOFORM	34290
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10U	UG/KG	TETRACHLOROETHENE	34478
10U	UG/KG	TOLUENE	34483
10U	UG/KG	CHLOROBENZENE	34304
10U	UG/KG	ETHYL BENZENE	34374
10U	UG/KG	M-XYLENE	
10U	UG/KG	OLP-XYLENE(MIXED)	
29	%	MOISTURE	70320

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

03/02/84

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

SAMPLE NO.: 83C3809 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SAP-006
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ANIST: JMS
ANALYTICAL METHOD:

SAMPLE NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: MD 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: JMS

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ACROLEIN	34213
100U	UG/KG	ACRYLONITRILE	34218
10U	UG/KG	CHLOROMETHANE	34421
10U	UG/KG	BROMOMETHANE	34416
10U	UG/KG	VINYL CHLORIDE	34495
10U	UG/KG	CHLOROETHANE	34314
10U	UG/KG	METHYLENE CHLORIDE	34426
10U	UG/KG	1,1-DICHLOROETHENE	34504
10U	UG/KG	1,1-DICHLOROETHANE	34499
10U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10U	UG/KG	CHLOROFORM	34318
10U	UG/KG	1,2-DICHLOROETHANE	34534
10U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10U	UG/KG	CARBON TETRACHLORIDE	34299
10U	UG/KG	BROMODICHLOROMETHANE	34330
10U	UG/KG	1,2-DICHLOROPROPANE	34544
10U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
10U	UG/KG	TRICHLOROETHENE	34487
10U	UG/KG	BENZENE	34237
10U	UG/KG	DIBROMOCHLOROMETHANE	34309
10U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10U	UG/KG	BROMOFORM	34290
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10U	UG/KG	TETRACHLOROETHENE	34478
10U	UG/KG	TOLUENE	34483
10U	UG/KG	CHLOROBENZENE	34304
10U	UG/KG	ETHYL BENZENE	34374
10U	UG/KG	M-XYLENE	
10U	UG/KG	O&P-XYLENE(MIXED)	
12	%	MOISTURE	70320

****

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

03/02/84

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

SAMPLE NO.: 83C3R10 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-005
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ANALYST: JMS
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: HD 357
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMB SAMPLE DATA VERIFIED BY: JMS

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100000U	UG/KG	ACROLEIN	34213
100000U	UG/KG	ACRYLONITRILE	34215
10000U	UG/KG	CHLOROMETHANE	34421
10000U	UG/KG	BROMOMETHANE	34416
10000U	UG/KG	VINYL CHLORIDE	34495
10000U	UG/KG	CHLOROETHANE	34314
10000U	UG/KG	METHYLENE CHLORIDE	34426
10000U	UG/KG	1,1-DICHLOROETHENE	34504
10000U	UG/KG	1,1-DICHLOROETHANE	34499
10000U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10000U	UG/KG	CHLOROFORM	34318
10000U	UG/KG	1,2-DICHLOROETHANE	34534
10000U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10000U	UG/KG	CARBON TETRACHLORIDE	34299
10000U	UG/KG	BROMODICHLOROMETHANE	34330
10000U	UG/KG	1,2-DICHLOROPROPANE	34544
10000U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
10000U	UG/KG	TRICHLOROETHENE	34487
4300J	UG/KG	BENZENE	34237
10000U	UG/KG	DIBROMOCHLOROMETHANE	34309
10000U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10000U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10000U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10000U	UG/KG	BROMOFORM	34290
10000U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10000U	UG/KG	TETRACHLOROETHENE	34478
2500	UG/KG	TOLUENE	34483
10000U	UG/KG	CHLOROBENZENE	34304
2000	UG/KG	ETHYL BENZENE	34374
--	UG/KG	M-XYLENE	
--	UG/KG	O&P-XYLENE(MIXED)	
17	%	MOISTURE	70320

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *M-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

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

03/02/84

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

SAMPLE NO.: 83C3811 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SEP-004
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

EMIST: JHS
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: P 3351 INORG SAMPLE NO.: NO 35H
NTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMH SAMPLE DATA VERIFIED BY: JHS

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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	UNITS	COMPOUND	STORET
100000	UG/KG	ACROLEIN	34213
100000U	UG/KG	ACRYLONITRILE	34215
10000U	UG/KG	CHLOROMETHANE	34421
10000U	UG/KG	BROMOMETHANE	34416
10000U	UG/KG	VINYL CHLORIDE	34495
10000U	UG/KG	CHLOROETHANE	34314
10000U	UG/KG	METHYLENE CHLORIDE	34426
10000U	UG/KG	1,1-DICHLOROETHENE	31504
10000U	UG/KG	1,1-DICHLOROETHANE	34499
10000U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10000U	UG/KG	CHLOROFORM	34318
10000U	UG/KG	1,2-DICHLOROETHANE	34534
10000U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10000U	UG/KG	CARBON TETRACHLORIDE	34299
10000U	UG/KG	BROMODICHLOROMETHANE	34330
10000U	UG/KG	1,2-DICHLOROPROPANE	34544
10000U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
10000U	UG/KG	TRICHLOROETHENE	34487
1000J	UG/KG	BENZENE	34237
10000U	UG/KG	DIBROMOCHLOROMETHANE	34309
10000U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10000U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10000U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10000U	UG/KG	BROMOFORM	34290
10000U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10000U	UG/KG	TETRACHLOROETHENE	34476
1600	UG/KG	TOLUENE	34483
10000U	UG/KG	CHLOROBENZENE	34304
1100	UG/KG	ETHYL BENZENE	34374
--	UG/KG	M-XYLENE	
--	UG/KG	O&P-XYLENE(MIXED)	
22	%	MOISTURE	70320

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

03/02/84

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

SAMPLE NO.: H3C3812 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-007
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

EMISI: JHS
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3352 INORG SAMPLE NO.: ND 359
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TOB SAMPLE DATA VERIFIED BY: JHS

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100000U	UG/KG	ACROLEIN	34213
100000U	UG/KG	ACRYLONITRILE	34218
1000U	UG/KG	CHLOROMETHANE	34421
1000U	UG/KG	BROMOMETHANE	34416
1000U	UG/KG	VINYL CHLORIDE	34495
1000U	UG/KG	CHLOROETHANE	34314
1000U	UG/KG	METHYLENE CHLORIDE	34426
1000U	UG/KG	1,1-DICHLOROETHENE	34504
1000U	UG/KG	1,1-DICHLOROETHANE	34499
1000U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
1000U	UG/KG	CHLOROFORM	34318
1000U	UG/KG	1,2-DICHLOROETHANE	34534
1000U	UG/KG	1,1,1-TRICHLOROETHANE	34509
1000U	UG/KG	CARBON TETRACHLORIDE	34299
1000U	UG/KG	BROMODICHLOROMETHANE	34330
1000U	UG/KG	1,2-DICHLOROPROPANE	34544
1000U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
1000U	UG/KG	TRICHLOROETHENE	34487
1000U	UG/KG	BENZENE	34237
1000U	UG/KG	DIBROMOCHLOROMETHANE	34309
1000U	UG/KG	1,1,2-TRICHLOROETHANE	34514
1000U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
1000U	UG/KG	2-CHLOROETHYLVINYL ETHER	31579
1000U	UG/KG	BROMOFORM	34290
1000U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
1000U	UG/KG	TETRACHLOROETHENE	34478
100J	UG/KG	TOLUENE	34483
1000U	UG/KG	CHLOROBENZENE	34304
100J	UG/KG	ETHYL BENZENE	34374
--	UG/KG	M-XYLENE	
--	UG/KG	O&P-XYLENE(MIXED)	
6	%	MOISTURE	70320

****

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 [illegible] DETECTION LIMIT

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

03/02/84

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

SAMPLE NO.: 83C3813 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSP
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-008
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ENIST: JHS
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3353 INORG SAMPLE NO.: HD 360
NTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMB SAMPLE DATA VERIFIED BY: JHS

REMARKS

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

RESULTS.	UNITS	COMPOUND	STORET
1000	UG/KG	ACROLEIN	34213
1000	UG/KG	ACRYLONITRILE	34218
100U	UG/KG	CHLOROMETHANE	34421
100U	UG/KG	BROMOMETHANE	34418
100U	UG/KG	VINYL CHLORIDE	34495
100U	UG/KG	CHLOROETHANE	34314
100U	UG/KG	METHYLENE CHLORIDE	34426
100U	UG/KG	1,1-DICHLOROETHENE	34504
100U	UG/KG	1,1-DICHLOROETHANE	34499
100U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
100U	UG/KG	CHLOROFORM	34318
100U	UG/KG	1,2-DICHLOROETHANE	34534
100U	UG/KG	1,1,1-TRICHLOROETHANE	34509
100U	UG/KG	CARBON TETRACHLORIDE	34299
100U	UG/KG	BROMODICHLOROMETHANE	34330
100U	UG/KG	1,2-DICHLOROPROPANE	34544
100U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
100U	UG/KG	TRICHLOROETHENE	34487
100U	UG/KG	BENZENE	34231
100U	UG/KG	DIBROMOCHLOROMETHANE	34309
100U	UG/KG	1,1,2-TRICHLOROETHANE	34514
100U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
100U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
100U	UG/KG	BROMOFORM	34290
100U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
100U	UG/KG	TETRACHLOROETHENE	34478
100U	UG/KG	TOLUENE	34483
100U	UG/KG	CHLOROBENZENE	34304
100U	UG/KG	ETHYL BENZENE	34371
100U	UG/KG	M-XYLENE	
100U	UG/KG	O&P-XYLENE(MIXED)	
30	%	MOISTURE	70320

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *M-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

03/02/84

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

SAMPLE NO.: B3C3814 SAMPLE TYPE: SEDIM

PROJECT NO.: B3-190 PROGRAM ELEMENT: DSF
SOURCE: SOUTHERN WOOD PLEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-009
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHIST: JHS
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3354 INORG SAMPLE NO.: MD 361
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMB SAMPLE DATA VERIFIED BY: JHS

REMARKS

****

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 [illegible] DETECTION LIMIT

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ACROLEIN	34213
100U	UG/KG	ACRYLONITRILE	34218
10U	UG/KG	CHLOROMETHANE	34421
10U	UG/KG	BROMOMETHANE	34416
10U	UG/KG	VINYL CHLORIDE	34495
10U	UG/KG	CHLOROETHANE	34314
10U	UG/KG	METHYLENE CHLORIDE	34426
10U	UG/KG	1,1-DICHLOROETHENE	34504
10U	UG/KG	1,1-DICHLOROETHANE	34499
10U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
10U	UG/KG	CHLOROFORM	34318
10U	UG/KG	1,2-DICHLOROETHANE	34534
10U	UG/KG	1,1,1-TRICHLOROETHANE	34509
10U	UG/KG	CARBON TETRACHLORIDE	34299
10U	UG/KG	BROMODICHLOROMETHANE	34330
10U	UG/KG	1,2-DICHLOROPROPANE	34544
10U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34597
10U	UG/KG	TRICHLOROETHENE	34487
10U	UG/KG	BENZENE	34237
10U	UG/KG	DIBROMOCHLOROMETHANE	34309
10U	UG/KG	1,1,2-TRICHLOROETHANE	34514
10U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
10U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
10U	UG/KG	BROMOFORM	34290
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE	34519
10U	UG/KG	TETRACHLOROETHENE	34476
10U	UG/KG	TOLUENE	34483
10U	UG/KG	CHLOROBENZENE	34304
10U	UG/KG	ETHYL BENZENE	34371
10U	UG/KG	M-XYLENE	
10U	UG/KG	O&P-XYLENE(MIXED)	
11	%	MOISTURE	70320

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN JOINT PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-001
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: C TILL RECEIVED FROM:
PLE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

ISTI:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: ND 351
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TPB DATA VERIFIED BY: JGS

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
10JN	TETRAHYDROFURAN

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

2/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B3C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S-P-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: MD 354
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JHS

REMARKS

****

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
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
10JN	TETRAHYDROFURAN

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: BJC3R08 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-003
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
LOT NO:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: MD 355
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JMS

REMARKS

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

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

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3809 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-006
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
[illegible]ED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: MD 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBR DATA VERIFIED BY: JMS

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE **A-NOT ANALYZED **AI-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
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
20JN	TETRAHYDROFURAN
20JN	CYCLOHEXANONE

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3810 SAMPLE TYPE: SEDIM

PROJECT NO.: R3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-005
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: C TILL RECEIVED FROM:
PLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: MD 357
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMS DATA VERIFIED BY: JMS

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
3800	ACETONE
1000U	METHYL ETHYL KETONE
1000U	CARBON DISULFIDE
1000U	METHYL BUTYL KETONE
1000U	METHYL ISOBUTYL KETONE
2000	STYRENE
1000U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
10000	TOTAL XYLENES
100JN	TETRAHYDROFURAN
10000JN	1 UNIDENTIFIED TERPENE
1000JN	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-ESD,REG IV
ATHENS GEORGIA

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3811 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN FOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-004
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
[illegible]LED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3351 INORG SAMPLE NO.: MD 358
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JHS

REMARKS

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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
2700	ACETONE
10000U	METHYL ETHYL KETONE
10000U	CARBON DISULFIDE
10000U	METHYL BUTYL KETONE
10000U	METHYL ISOBUTYL KETONE
9000J	STYRENE
10000U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
5600	TOTAL XYLENES
100JN	TETRAHYDROFURAN
10000JN	1 UNIDENTIFIED TERPENE
1000JN	TRIMETHYLCYCLOHEXANONE

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3812 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-007
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3352 INORG SAMPLE NO.: MD 359
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: JHS

REMARKS

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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
10000U	ACETONE
10000U	METHYL ETHYL KETONE
10000U	CARBON DISULFIDE
10000U	METHYL BUTYL KETONE
10000U	METHYL ISOBUTYL KETONE
100J	STYRENE
10000U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
300J	TOTAL XYLENES
100JN	TETRAHYDROFURAN
5000JN	6 UNIDENTIFIED TERPENES

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R3C3813 SAMPLE TYPE: SEDIM

PROJECT NO.: R3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-008
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3353 INORG SAMPLE NO.: MD 360
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TDB DATA VERIFIED BY: JHS

REMARKS

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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
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
20JN	TETRAHYDROFURAN
10JN	CYCLOHEXANONE

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

03/02/84 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B3C3814 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN MOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SNP-009
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3354 INORG SAMPLE NO.: NO 361
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TPH DATA VERIFIED BY: JMS

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
20JN -	TETRAHYDROFURAN

****

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

03/02/84

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

SAMPLE NO.: 83C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: 6-P-001
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: HD 453
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

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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

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

RESULTS	UNITS	COMPOUND	STORET
2000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
2000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
2000U	UG/KG	BENZIDINE	39121
2000U	UG/KG	1,3-DICHLOROBENZENE	34569
2000U	UG/KG	1,4-DICHLOROBENZENE	34574
2000U	UG/KG	1,2-DICHLOROBENZENE	34539
2000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
2000U	UG/KG	HEXACHLOROETHANE	34399
2000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
2000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
2000U	UG/KG	NITROBENZENE	34450
2000U	UG/KG	HEXACHLOROBUTADIENE	39705
2000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
2000U	UG/KG	NAPHTHALENE	34445
2000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
2000U	UG/KG	ISOPHORONE	34411
2000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
2000U	UG/KG	2-CHLORONAPHTHALENE	34584
2000U	UG/KG	ACENAPHTHYLENE	34203
2000U	UG/KG	ACENAPHTHENE	34208
2000U	UG/KG	DIMETHYL PHTHALATE	34344
2000U	UG/KG	2,4-DINITROTOLUENE	34614
2000U	UG/KG	2,6-DINITROTOLUENE	34629
2000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
700J	UG/KG	FLUORENE	34354
2000U	UG/KG	DIETHYL PHTHALATE	34339
2000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
2000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
2000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
1300J	UG/KG	PHENANTHRENE	34464
3800	UG/KG	ANTHRACENE	34223
2000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
3000	UG/KG	FLUORANTHENE	34379
2200	UG/KG	PYRENE	34472
2000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
2000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
2000U	UG/KG	BENZO(A)ANTHRACENE	34529
2600	UG/KG	CHRYSENE	34323
2000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
2000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
2000J	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
2000U	UG/KG	BENZO-A-PYRENE	34250
2000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
900J	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
2000U	UG/KG	BENZO(GHI)PERYLENE	34524
2000U	UG/KG	2-CHLOROPHENOL	34589
2000U	UG/KG	2-NITROPHENOL	34594
2000U	UG/KG	PHENOL	34695
2000U	UG/KG	2,4-DIMETHYLPHENOL	34609
2000U	UG/KG	2,4-DICHLOROPHENOL	34604
2000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
2000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
2000U	UG/KG	2,4-DINITROPHENOL	34619
[illegible]	[illegible]	2-METHYL-4,6-DINITROPHENOL	34660

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

03/02/84

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

SAMPLE NO.: 83C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: HD 354
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JMS

REMARKS

****

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
[illegible] FOR BUT NOT DETECTED. THE NUMBER IS

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

RESULTS	UNITS	COMPOUND	STORET
2000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
2000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
2000U	UG/KG	BENZIDINE	39121
2000U	UG/KG	1,3-DICHLOROBENZENE	34569
2000U	UG/KG	1,4-DICHLOROBENZENE	34574
2000U	UG/KG	1,2-DICHLOROBENZENE	34539
2000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
2000U	UG/KG	HEXACHLOROETHANE	34399
2000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
2000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
2000U	UG/KG	NITROBENZENE	34450
2000U	UG/KG	HEXACHLOROBUTADIENE	39705
2000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
2000U	UG/KG	NAPHTHALENE	34445
2000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
2000U	UG/KG	ISOPHORONE	34411
2000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
2000U	UG/KG	2-CHLORONAPHTHALENE	34584
2000U	UG/KG	ACENAPHTHYLENE	34203
2000U	UG/KG	ACENAPHTHENE	34208
2000U	UG/KG	DIMETHYL PHTHALATE	34394
2000U	UG/KG	2,4-DINITROTOLUENE	34614
2000U	UG/KG	2,6-DINITROTOLUENE	34629
2000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
4800	UG/KG	FLUORENE	34384
2000U	UG/KG	DIETHYL PHTHALATE	34339
2000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
2000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
2000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
1400J	UG/KG	PHENANTHRENE	34464
2200	UG/KG	ANTHRACENE	34223
2000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
4100	UG/KG	FLUORANTHENE	34379
3100	UG/KG	PYRENE	34472
2000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
2000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
1600J	UG/KG	BENZO(A)ANTHRACENE	34529
4300	UG/KG	CHRYSENE	34323
2000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
2000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
2000U	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
1600J	UG/KG	BENZO-A-PYRENE	34250
2000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
2000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
2000U	UG/KG	BENZO(GHI)PERYLENE	34524
2000U	UG/KG	2-CHLOROPHENOL	34569
2000U	UG/KG	2-NITROPHENOL	34594
2000U	UG/KG	PHENOL	34695
2000U	UG/KG	2,4-DIMETHYLPHENOL	34609
2000U	UG/KG	2,4-DICHLOROPHENOL	34604
2000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
2000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
2000U	UG/KG	2,4-DINITROPHENOL	34619
2000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660
[illegible]	UG/KG	PENTACHLOROPHENOL	39061
			34649

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

02/84

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

SAMPLE NO.: 83C3808 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SEP-003
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHIST: JMS
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: HD 355
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JMS

REMARKS

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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	UNITS	COMPOUND	STORET
20000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
20000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
20000U	UG/KG	BENZIDINE	39121
20000U	UG/KG	1,3-DICHLOROBENZENE	34569
20000U	UG/KG	1,4-DICHLOROBENZENE	34574
20000U	UG/KG	1,2-DICHLOROBENZENE	34539
20000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
20000U	UG/KG	HEXACHLOROETHANE	34399
20000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
20000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
20000U	UG/KG	NITROBENZENE	34450
20000U	UG/KG	HEXACHLOROBUTADIENE	39705
20000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
20000U	UG/KG	NAPHTHALENE	34445
20000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
20000U	UG/KG	ISOPHORONE	34411
20000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
20000U	UG/KG	2-CHLORONAPHTHALENE	34584
5000J	UG/KG	ACENAPHTHYLENE	34203
20000U	UG/KG	ACENAPHTHENE	34208
20000U	UG/KG	DIMETHYL PHTHALATE	34344
20000U	UG/KG	2,4-DINITROTOLUENE	34614
20000U	UG/KG	2,6-DINITROTOLUENE	34629
20000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
11000J	UG/KG	FLUORENE	34384
20000U	UG/KG	DIETHYL PHTHALATE	34339
20000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
20000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
20000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
20000J	UG/KG	PHENANTHRENE	34464
8300	UG/KG	ANTHRACENE	34223
20000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
16000	UG/KG	FLUORANTHENE	34379
12000	UG/KG	PYRENE	34472
20000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
20000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
3900	UG/KG	BENZO(A)ANTHRACENE	34529
10000	UG/KG	CHRYSENE	34323
20000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
20000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
7900	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
3200	UG/KG	BENZO-A-PYRENE	34250
20000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
20000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
20000U	UG/KG	BENZO(GHI)PERYLENE	34524
20000U	UG/KG	2-CHLOROPHENOL	34589
20000U	UG/KG	2-NITROPHENOL	34594
20000U	UG/KG	PHENOL	34095
20000U	UG/KG	2,4-DIMETHYLPHENOL	34609
20000U	UG/KG	2,4-DICHLOROPHENOL	34604
20000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
20000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
20000U	UG/KG	2,4-DINITROPHENOL	34619
20000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34600
11000	UG/KG	PENTACHLOROPHENOL	39061

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

05/02/84

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

SAMPLE NO.: B3C3809 SAMPLE TYPE: SEDIM

PROJECT NO.: B3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SEP-006
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

HIST: JMS
LYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: HO 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: JMS

REMARKS

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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	UNITS	COMPOUND	STORET
20000	UG/KG	N-NITROSODIMETHYLAMINE	34441
20000	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
20000	UG/KG	BENZIDINE	39121
20000	UG/KG	1,3-DICHLOROBENZENE	34569
20000	UG/KG	1,4-DICHLOROBENZENE	34574
20000	UG/KG	1,2-DICHLOROBENZENE	34539
20000	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
20000	UG/KG	HEXACHLOROETHANE	34399
20000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
20000	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
20000	UG/KG	NITROBENZENE	34450
20000	UG/KG	HEXACHLOROBUTADIENE	39705
20000	UG/KG	1,2,4-TRICHLOROBENZENE	34554
20000	UG/KG	NAPHTHALENE	34445
20000	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
20000	UG/KG	ISOPHORONE	34411
20000	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
20000	UG/KG	2-CHLORONAPHTHALENE	34584
3600J	UG/KG	ACENAPHTHYLENE	34203
20000	UG/KG	ACENAPHTHENE	34200
20000	UG/KG	DIMETHYL PHTHALATE	34344
20000	UG/KG	2,4-DINITROTOLUENE	34614
20000	UG/KG	2,6-DINITROTOLUENE	34629
20000	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
20000	UG/KG	FLUORENE	34384
20000	UG/KG	DIETHYL PHTHALATE	34339
20000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
20000	UG/KG	HEXACHLOROBENZENE (HCB)	39701
20000	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
450J	UG/KG	PHENANTHRENE	34464
4300	UG/KG	ANTHRACENE	34223
20000	UG/KG	DI-N-BUTYLPHTHALATE	39112
1200J	UG/KG	FLUORANTHENE	34379
1400J	UG/KG	PYRENE	34472
20000	UG/KG	BENZYL BUTYL PHTHALATE	34295
20000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
900J	UG/KG	BENZO(A)ANTHRACENE	34529
2700	UG/KG	CHRYSENE	34323
20000	UG/KG	3,3'-DICHLOROBENZIDINE	34634
20000	UG/KG	DI-N-OCTYLPHTHALATE	34599
2200	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
1300J	UG/KG	BENZO-A-PYRENE	34250
20000	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
20000	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
20000	UG/KG	BENZO(GHI)PERYLENE	34524
20000	UG/KG	2-CHLOROPHENOL	34369
20000	UG/KG	2-NITROPHENOL	34594
20000	UG/KG	PHENOL	34695
20000	UG/KG	2,4-DIMETHYLPHENOL	34609
20000	UG/KG	2,4-DICHLOROPHENOL	34604
20000	UG/KG	2,4,6-TRICHLOROPHENOL	34624
20000	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
20000	UG/KG	2,4-DINITROPHENOL	34619
20000	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660
[illegible]	UG/KG	[illegible]	[illegible]

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

03/02/84

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

SAMPLE NO.: 83C3810 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWF-005
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

MIST: JMS
LYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: WD 357
RACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *U-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	UNITS	COMPOUND	STORET
2500000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
2500000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
2500000U	UG/KG	BENZIDINE	39121
2500000U	UG/KG	1,3-DICHLOROBENZENE	34569
2500000U	UG/KG	1,4-DICHLOROBENZENE	34574
2500000U	UG/KG	1,2-DICHLOROBENZENE	34539
2500000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
2500000U	UG/KG	HEXACHLOROETHANE	34399
2500000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
2500000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
2500000U	UG/KG	NITROBENZENE	34450
2500000U	UG/KG	HEXACHLOROBUTADIENE	39705
2500000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
1300000	UG/KG	NAPHTHALENE	34445
2500000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
2500000U	UG/KG	ISOPHORONE	34411
2500000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
2500000U	UG/KG	2-CHLORONAPHTHALENE	34584
610000J -	UG/KG	ACENAPHTHYLENE	34203
- 910000 -	UG/KG	ACENAPHTHENE	34208
2500000U	UG/KG	DIMETHYL PHTHALATE	34344
2500000U	UG/KG	2,4-DINITROTOLUENE	34614
2500000U	UG/KG	2,6-DINITROTOLUENE	34629
2500000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
1200000	UG/KG	FLUORENE	34384
2500000U	UG/KG	DIETHYL PHTHALATE	34339
2500000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34436
2500000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
2500000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
~ 2000000 -	UG/KG	PHENANTHRENE	34464
- 690000 -	UG/KG	ANTHRACENE	34223
2500000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
- 1100000 -	UG/KG	FLUORANTHENE	34379
- 780000 -	UG/KG	PYRENE	34472
2500000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
2500000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
150000J-	UG/KG	BENZO(A)ANTHRACENE	34529
180000J-	UG/KG	CHRYSENE	34323
2500000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
2500000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
110000J-	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
500000J -	UG/KG	BENZO-A-PYRENE	34250
2500000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
2500000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
2500000U	UG/KG	BENZO(GHI)PERYLENE	34524
2500000U	UG/KG	2-CHLOROPHENOL	34589
2500000U	UG/KG	2-NITROPHENOL	34594
2500000U	UG/KG	PHENOL	34695
2500000U	UG/KG	2,4-DIMETHYLPHENOL	34609
2500000U	UG/KG	2,4-DICHLOROPHENOL	34604
2500000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
2500000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
2500000U	UG/KG	2,4-DINITROPHENOL	34619
2500000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660

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

5/02/84

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

SAMPLE NO.: RJC3811 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SAP-004
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3351 INORG SAMPLE NO.: RD 358
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

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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	UNITS	COMPOUND	STORET
2500000	UG/KG	N-NITROSODIMETHYLAMINE	34441
2500000	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
2500000	UG/KG	BENZIDINE	39121
2500000	UG/KG	1,3-DICHLOROBENZENE	34569
2500000	UG/KG	1,4-DICHLOROBENZENE	34574
2500000	UG/KG	1,2-DICHLOROBENZENE	34539
2500000	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
2500000	UG/KG	HEXACHLOROETHANE	34399
2500000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
2500000	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
2500000	UG/KG	NITROBENZENE	34450
2500000	UG/KG	HEXACHLOROBUTADIENE	39705
2500000	UG/KG	1,2,4-TRICHLOROBENZENE	34554
1900000	UG/KG	NAPHTHALENE	34445
2500000	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
2500000	UG/KG	ISOPHORONE	34411
2500000	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
2500000	UG/KG	2-CHLORONAPHTHALENE	34584
700000J	UG/KG	ACENAPHTHYLENE	34203
1200000	UG/KG	ACENAPHTHENE	34208
2500000	UG/KG	DIMETHYL PHTHALATE	34344
2500000	UG/KG	2,4-DINITROTOLUENE	34614
2500000	UG/KG	2,6-DINITROTOLUENE	34629
2500000	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
1800000	UG/KG	FLUORENE	34384
2500000	UG/KG	DIETHYL PHTHALATE	34339
2500000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
2500000	UG/KG	HEXACHLOROBENZENE (HCB)	39701
2500000	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
2900000	UG/KG	PHENANTHRENE	34464
880000	UG/KG	ANTHRACENE	34223
2500000	UG/KG	DI-N-BUTYLPHTHALATE	39112
1400000	UG/KG	FLUORANTHENE	34379
1000000	UG/KG	PYRENE	34472
2500000	UG/KG	BENZYL BUTYL PHTHALATE	34295
2500000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
190000J	UG/KG	BENZO(A)ANTHRACENE	34529
260000	UG/KG	CHRYSENE	34323
2500000	UG/KG	3,3'-DICHLOROBENZIDINE	34634
2500000	UG/KG	DI-N-OCTYLPHTHALATE	34599
140000J	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
770000J	UG/KG	BENZO-A-PYRENE	34250
2500000	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
2500000	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
2500000	UG/KG	BENZO(GHI)PERYLENE	34524
2500000	UG/KG	2-CHLOROPHENOL	34589
2500000	UG/KG	2-NITROPHENOL	34594
2500000	UG/KG	PHENOL	34695
2500000	UG/KG	2,4-DIMETHYLPHENOL	34609
2500000	UG/KG	2,4-DICHLOROPHENOL	34604
2500000	UG/KG	2,4,6-TRICHLOROPHENOL	34624
2500000	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
2500000	UG/KG	2,4-DINITROPHENOL	34619
2500000	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660
2500000	UG/KG	PENTACHLOROPHENOL	39061

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

03/02/84

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

SAMPLE NO.: B3C3H12 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-007
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

EMIST: GAS
ALYTICAL METHOD:

E NO.: 1769 DRG SAMPLE NO: D 3352 INORG SAMPLE NO.: HD 359
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: JMS

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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

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

RESULTS	UNITS	COMPOUND	STORET
500000	UG/KG	N-NITROSODIMETHYLAMINE	34441
500000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
500000U	UG/KG	BENZIDINE	39121
500000U	UG/KG	1,3-DICHLOROBENZENE	34569
500000U	UG/KG	1,4-DICHLOROBENZENE	34574
500000U	UG/KG	1,2-DICHLOROBENZENE	34539
500000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
500000U	UG/KG	HEXACHLOROETHANE	34399
500000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
500000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
500000U	UG/KG	NITROBENZENE	34450
500000U	UG/KG	HEXACHLOROBUTADIENE	39705
500000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
-320000-	UG/KG	NAPHTHALENE	34445
500000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
500000U	UG/KG	ISOPHORONE	34411
500000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
500000U	UG/KG	2-CHLORONAPHTHALENE	34584
370000J-	UG/KG	ACENAPHTHYLENE	34203
-490000-	UG/KG	ACENAPHTHENE	34206
500000U	UG/KG	DIMETHYL PHTHALATE	34344
500000U	UG/KG	2,4-DINITROTOLUENE	34614
500000U	UG/KG	2,6-DINITROTOLUENE	34629
500000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
-690000-	UG/KG	FLUORENE	34384
500000U	UG/KG	DIETHYL PHTHALATE	34339
500000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34430
500000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
500000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
-1000000-	UG/KG	PHENANTHRENE	34464
-250000-	UG/KG	ANTHRACENE	34223
500000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
-1100000-	UG/KG	FLUORANTHENE	34379
-710000-	UG/KG	PYRENE	34472
500000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
500000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
-150000-	UG/KG	BENZO(A)ANTHRACENE	34529
-260000-	UG/KG	CHRYSENE	34323
500000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
500000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
-150000-	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
-53000-	UG/KG	BENZO-A-PYRENE	34250
500000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
500000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
500000U	UG/KG	BENZO(GHI)PERYLENE	34524
500000U	UG/KG	2-CHLOROPHENOL	34589
500000U	UG/KG	2-NITROPHENOL	34594
500000U	UG/KG	PHENOL	34695
500000U	UG/KG	2,4-DIMETHYLPHENOL	34609
500000U	UG/KG	2,4-DICHLOROPHENOL	34604
500000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
500000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
500000U	UG/KG	2,4-DINITROPHENOL	34619
500000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660

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

03/02/84

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

SAMPLE NO.: B3C3813 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SHP-008
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SALED:

CHIST: JAS
LYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3353 INORG SAMPLE NO.: ND 360
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMB DATA VERIFIED BY: JMB

REMARKS

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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
[redacted] BUT NOT DETECTED. THE NUMBER IS [redacted]

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

RESULTS	UNITS	COMPOUND	STORET
20000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
20000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
20000U	UG/KG	BENZIDINE	39121
20000U	UG/KG	1,3-DICHLOROBENZENE	34569
20000U	UG/KG	1,4-DICHLOROBENZENE	34574
20000U	UG/KG	1,2-DICHLOROBENZENE	34539
20000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	31276
20000U	UG/KG	HEXACHLOROETHANE	34399
20000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34286
20000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
20000U	UG/KG	NITROBENZENE	34450
20000U	UG/KG	HEXACHLOROBUTADIENE	39705
20000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
20000U	UG/KG	NAPHTHALENE	34445
20000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
20000U	UG/KG	ISOPHORONE	34411
20000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
20000U	UG/KG	2-CHLORONAPHTHALENE	34584
20000U	UG/KG	ACENAPHTHYLENE	34203
20000U	UG/KG	ACENAPHTHENE	34208
20000U	UG/KG	DIMETHYL PHTHALATE	34344
20000U	UG/KG	2,4-DINITROTOLUENE	34614
20000U	UG/KG	2,6-DINITROTOLUENE	34629
20000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
20000U	UG/KG	FLUORENE	34384
20000U	UG/KG	DIETHYL PHTHALATE	34339
20000U	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34436
20000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
20000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
20000U	UG/KG	PHENANTHRENE	34464
20000U	UG/KG	ANTHRACENE	34223
20000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
20000U	UG/KG	FLUORANTHENE	34379
20000U	UG/KG	PYRENE	34472
20000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
20000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
20000U	UG/KG	BENZO(A)ANTHRACENE	34529
20000U	UG/KG	CHRYSENE	34323
20000U	UG/KG	3,3'-DICHLOROBENZIDINE	34633
20000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
20000U	UG/KG	BENZO(B)FLUORANTHENE	
20000U	UG/KG	BENZO(K)FLUORANTHENE	
20000U	UG/KG	BENZO-A-PYRENE	34250
20000U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
20000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
20000U	UG/KG	BENZO(GHI)PERYLENE	34524
20000U	UG/KG	2-CHLOROPHENOL	34589
20000U	UG/KG	2-NITROPHENOL	34594
20000U	UG/KG	PHENOL	34695
20000U	UG/KG	2,4-DIMETHYLPHENOL	34609
20000U	UG/KG	2,4-DICHLOROPHENOL	34604
20000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
20000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
20000U	UG/KG	2,4-DINITROPHENOL	34619
[redacted]	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660
[redacted]	[redacted]	[redacted]	39061

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

[redacted]/84

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

SAMPLE NO.: B3C3814 SAMPLE TYPE: SEDIM

PROJECT NO.: B3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-009
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

[redacted]MIST: JMS
[redacted]LYTICAL METHOD:

[redacted] NO.: 1789 ORG SAMPLE NO: D 3354 INORG SAMPLE NO.: NO 361
[redacted]RACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB DATA VERIFIED BY: JMS

REMARKS

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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	UNITS	COMPOUND	STORET
20000U	UG/KG	N-NITROSODIMETHYLAMINE	34441
20000U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
20000U	UG/KG	BENZIDINE	39121
20000U	UG/KG	1,3-DICHLOROBENZENE	34569
20000U	UG/KG	1,4-DICHLOROBENZENE	34574
20000U	UG/KG	1,2-DICHLOROBENZENE	34539
20000U	UG/KG	BIS(2-CHLOROETHYL) ETHER	34276
20000U	UG/KG	HEXACHLOROETHANE	34399
20000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER	34296
20000U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
20000U	UG/KG	NITROBENZENE	34450
20000U	UG/KG	HEXACHLOROBUTADIENE	39705
20000U	UG/KG	1,2,4-TRICHLOROBENZENE	34554
20000U	UG/KG	NAPHTHALENE	34445
20000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE	34281
20000U	UG/KG	ISOPHORONE	34411
20000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
20000U	UG/KG	2-CHLORONAPHTHALENE	34584
12000J	UG/KG	ACENAPHTHYLENE	34203
20000U	UG/KG	ACENAPHTHENE	34208
20000U	UG/KG	DIMETHYL PHTHALATE	34344
20000U	UG/KG	2,4-DINITROTOLUENE	34614
20000U	UG/KG	2,6-DINITROTOLUENE	34629
20000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER	34644
3400J	UG/KG	FLUORENE	34384
20000U	UG/KG	DIETHYL PHTHALATE	34339
20000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
20000U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
20000U	UG/KG	4-BROMOPHENYL PHENYL ETHER	34639
2500	UG/KG	PHENANTHRENE	34464
3800	UG/KG	ANTHRACENE	34223
20000U	UG/KG	DI-N-BUTYLPHTHALATE	39112
14000	UG/KG	FLUORANTHENE	34379
13000	UG/KG	PYRENE	34472
20000U	UG/KG	BENZYL BUTYL PHTHALATE	34295
20000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE	39102
5700	UG/KG	BENZO(A)ANTHRACENE	34529
19000	UG/KG	CHRYSENE	34323
20000U	UG/KG	3,3'-DICHLOROBENZIDINE	34634
20000U	UG/KG	DI-N-OCTYLPHTHALATE	34599
13000	UG/KG	BENZO(B)FLUORANTHENE	
--	UG/KG	BENZO(K)FLUORANTHENE	
9100	UG/KG	BENZO-A-PYRENE	34250
4400	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
20000U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
3000	UG/KG	BENZO(GHI)PERYLENE	34524
20000U	UG/KG	2-CHLOROPHENOL	34589
20000U	UG/KG	2-NITROPHENOL	34594
20000U	UG/KG	PHENOL	34695
20000U	UG/KG	2,4-DIMETHYLPHENOL	34609
20000U	UG/KG	2,4-DICHLOROPHENOL	34604
20000U	UG/KG	2,4,6-TRICHLOROPHENOL	34624
20000U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
20000U	UG/KG	2,4-DINITROPHENOL	34619
20000U	UG/KG	2-METHYL-4,6-DINITROPHENOL	34660
20000U	UG/KG	PENTACHLOROPHENOL	39061

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

2/84 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S-P-001
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: ND 353
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS

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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
2000U	2-METHYLPHENOL
2000U	4-METHYLPHENOL
2000U	2,4,5-TRICHLOROPHENOL
2000U	ANILINE
2000U	BENZYL ALCOHOL
2000U	4-CHLOROANILINE
2000U	DIBENZOFURAN
2000U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
2000U	3-NITROANILINE
2000U	4-NITROANILINE

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

03/02/84

EXTRACTABLE ORGANIC ANALYSIS, DISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT) :

SAMPLE NO.: H3C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: H3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

HIST:
ANALYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: MD 354
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TFB DATA VERIFIED BY: JMS

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *M-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
[illegible] DETECTION LIMIT

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

RESULTS IN: UG/KG	COMPOUND NAME
20000	BENZOIC ACID
20000	2-METHYLPHENOL
20000	4-METHYLPHENOL
20000	2,4,5-TRICHLOROPHENOL
20000	ANILINE
20000	BENZYL ALCOHOL
20000	4-CHLOROANILINE
20000	DIBENZOFURAN
20000	2-METHYL NAPHTHALENE
20000	2-NITROANILINE
20000	3-NITROANILINE
20000	4-NITROANILINE

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

05/02/84

EXTRACTABLE ORGANIC ANALYSIS, HISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3808 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-003
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

MIST:
LYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: MD 355
RACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TPB DATA VERIFIED BY: JMS

REMARKS

****

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
2000U	2-METHYLPHENOL
2000U	4-METHYLPHENOL
2000U	2,4,5-TRICHLOROPHENOL
2000U	ANILINE
2000U	BENZYL ALCOHOL
2000U	4-CHLOROANILINE
296J	DIBENZOFURAN
2000U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
2000U	3-NITROANILINE
2000U	4-NITROANILINE

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

03/02/84

EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 03C3809 SAMPLE TYPE: SEDIM

PROJECT NO.: HJ-190 PROGRAM ELEMENT: HSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-046
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

C IST:
A YTICAL METHOD:

L NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: HD 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: JHS

REMARKS

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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 (1): UG/KG	COMPOUND NAME
20000	BENZOIC ACID
20000	2-METHYLPHENOL
20000	4-METHYLPHENOL
20000	2,4,5-TRICHLOROPHENOL
20000	ANILINE
20000	BENZYL ALCOHOL
20000	4-CHLOROANILINE
20000	DIBENZOFURAN
20000	2-METHYL NAPHTHALENE
20000	2-NITROANILINE
20000	3-NITROANILINE
20000	4-NITROANILINE

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

09/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: H3C3814 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-009
STORET STATION NO:.

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3354 INORG SAMPLE NO.: MD 361
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
20U	UG/KG	ALDRIN	39333
20U	UG/KG	HEPTACHLOR	39413
20U	UG/KG	HEPTACHLOR EPOXIDE	39423
20U	UG/KG	ALPHA-BHC	39076
20U	UG/KG	BETA-BHC	34257
20U	UG/KG	GAMMA-BHC (LINDANE)	39343
20U	UG/KG	DELTA-BHC	34262
20U	UG/KG	ENDOSULFAN I (ALPHA)	34364
20U	UG/KG	DIELDRIN	39383
20U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
20U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
20U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
20U	UG/KG	ENDRIN	39393
20U	UG/KG	ENDOSULFAN II (BETA)	34359
20U	UG/KG	ENDOSULFAN SULFATE	34354
20U	UG/KG	CHLORDANE (TECH, MIXTURE) /1	39351
20U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
20U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
20U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
20U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
20U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
20U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
20U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
80U	UG/KG	TOXAPHENE	39403
20U	UG/KG	ENDRIN ALDEHYDE	34369
20U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34675
--	UG/KG	CHLORDENE /2	81705
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
11	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

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

/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-001
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

EMIST: CHH
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: MD 353
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
20U	UG/KG	ALDRIN	39333
20U	UG/KG	HEPTACHLOR	39413
20U	UG/KG	HEPTACHLOR EPOXIDE	39423
20U	UG/KG	ALPHA-BHC	39076
20U	UG/KG	BETA-BHC	34257
20U	UG/KG	GAMMA-BHC (LINDANE)	39343
20U	UG/KG	DELTA-BHC	34262
20U	UG/KG	ENDOSULFAN I (ALPHA)	34364
20U	UG/KG	DIELDRIN	39383
20U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
20U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
20U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
20U	UG/KG	ENDRIN	39393
20U	UG/KG	ENDOSULFAN II (BETA)	34359
20U	UG/KG	ENDOSULFAN SULFATE	34354
20U	UG/KG	CHLORDANE (TECH, MIXTURE) /1	39351
20U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
20U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
20U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
20U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
20U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
20U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
20U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
80U	UG/KG	TOXAPHENE	39403
20U	UG/KG	ENDRIN ALDEHYDE	34369
20U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34678
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
34	%	MOISTURE	70320

****

FOOTNOTES
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THE MINIMUM DETECTION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

.1/20/83

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

SAMPLE NO.: 83C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN MODE PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S-P-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C LILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: MD 354
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS
X-VALUE IS SUSPECT

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

RESULTS	UNITS	ELEMENT	STORET
3.2	MG/KG	SILVER	01078
4.6	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
120	MG/KG	BARIUM	01008
0.250	MG/KG	BERYLLIUM	01013
0.050	MG/KG	CADMIUM	01028
24	MG/KG	COBALT	01038
28	MG/KG	CHROMIUM	01029
29	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
43	MG/KG	NICKEL	01068
23	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
10	MG/KG	SELENIUM	01146
21X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.50	MG/KG	THALLIUM	34480
34	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
24	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
12000	MG/KG	ALUMINUM	01108
560	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
22000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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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
*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

11/20/83

METALS
DATA REPORTING SHEET
SE01MB01/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R3C3H08 SAMPLE TYPE: SEDIM

PROJECT NO.: R3-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S-P-003
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

EMIST: NA
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: HD 355
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TMB SAMPLE DATA VERIFIED BY: HAN

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS
X-VALUE IS SUSPECT

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

RESULTS	UNITS	ELEMENT	STORET
2.9	MG/KG	SILVER	01078
6.6	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
93	MG/KG	BARIUM	01008
0.32	MG/KG	BERYLLIUM	01013
0.05U	MG/KG	CADMIUM	01028
12	MG/KG	COBALT	01038
26	MG/KG	CHROMIUM	01029
19	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
20	MG/KG	NICKEL	01068
20	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
10	MG/KG	SELENIUM	01148
13X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.5U	MG/KG	THALLIUM	34480
25	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
25	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
8800	MG/KG	ALUMINUM	01106
270	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
20000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

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

12/20/83

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

SAMPLE NO.: 63C3409 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SAP-006
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/01/00 REC'D BY:
SEALED:

ANALYST: MAW
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: MD 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TAH SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON WET WEIGHT BASIS
X-VALUE IS SUSPECT

****

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	UNITS	ELEMENT	STORET
1.5	MG/KG	SILVER	01078
3.8	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
44	MG/KG	BARIUM	01008
0.46	MG/KG	BERYLLIUM	01013
0.050	MG/KG	CADMIUM	01028
15	MG/KG	COBALT	01038
7.2	MG/KG	CHROMIUM	01029
12	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
16	MG/KG	NICKEL	01068
15	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
10	MG/KG	SELENIUM	01148
9.1X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.5U	MG/KG	THALLIUM	34480
10U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
37	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
5400	MG/KG	ALUMINUM	01108
220	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
10000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

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

12/20/83

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

SAMPLE NO.: R3C3H10 SAMPLE TYPE: SEDIM

PROJECT NO.: 81-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN JOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SMP-005
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: HD 357
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TAR SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS
X-VALUE IS SUSPECT

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

RESULTS	UNITS	ELEMENT	STORET
0.99	MG/KG	SILVER	01078
4.4	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01024
56	MG/KG	BARIUM	01008
1.1	MG/KG	BERYLLIUM	01013
0.05U	MG/KG	CADMIUM	01028
15	MG/KG	COBALT	01038
6.3	MG/KG	CHROMIUM	01029
15	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
20	MG/KG	NICKEL	01068
13	MG/KG	LEAD	01052
1U	MG/KG	ANTIMONY	01098
1U	MG/KG	SELENIUM	01148
11X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.5U	MG/KG	THALLIUM	34480
10U	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
50	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.1U	MG/KG	MERCURY	71921
4900	MG/KG	ALUMINUM	01106
160	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
7600	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

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 GIVED
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS

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

[illegible]/20/83

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

SAMPLE ID.: 83C3811 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN POOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SAP-004
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

HIST: HAW
LYTICAL METHOD:

[illegible] NO.: 1769 ORG SAMPLE NO: D 3351 INORG SAMPLE NO.: MD 358
[illegible]RACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: DBB SAMPLE DATA VERIFIED BY: HAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS
X-VALUE IS SUSPECT

****

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	UNITS	ELEMENT	STORET
1.6	UG/KG	SILVER	01078
5.6	UG/KG	ARSENIC	01003
50	UG/KG	BORON	01023
45	UG/KG	BARIUM	01008
0.38	UG/KG	BERYLLIUM	01013
0.05U	UG/KG	CADMIUM	01028
9.4	UG/KG	COBALT	01038
7.4	UG/KG	CHROMIUM	01029
12	UG/KG	COPPER	01043
NA	UG/KG	MOLYBDENUM	01063
14	UG/KG	NICKEL	01068
16	UG/KG	LEAD	01052
1U	UG/KG	ANTIMONY	01098
1U	UG/KG	SELENIUM	01148
11X	UG/KG	TIN	01103
NA	UG/KG	STRONTIUM	01083
NA	UG/KG	TELLURIUM	45513
NA	UG/KG	TITANIUM	01153
0.5U	UG/KG	THALLIUM	34480
100	UG/KG	VANADIUM	01088
NA	UG/KG	YTTRIUM	45514
42	UG/KG	ZINC	01093
NA	UG/KG	ZIRCONIUM	01163
0.1U	UG/KG	MERCURY	71921
5800	UG/KG	ALUMINUM	01108
160	UG/KG	MANGANESE	01053
NA	UG/KG	CALCIUM	00917
NA	UG/KG	MAGNESIUM	00924
11000	UG/KG	IRON	01170
NA	UG/KG	SODIUM	00934
NA	UG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

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

12/20/83

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

SAMPLE NO.: R3C3812 SAMPLE TYPE: SEDIM

PROJECT NO.: R3-199 PROGRAM ELEMENT: USF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-007
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ANIST: MAW
ALYTICAL METHOD:

E NO.: 1789 DSG SAMPLE NO: D 3352 INORG SAMPLE NO.: DD 359
NTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON WET WEIGHT BASIS
X-VALUE IS SUSPECT

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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

****ANALYTICAL RESULTS****

RESULTS	UNITS	ELEMENT	STORET
2.7	MG/KG	SILVER	01078
5.9	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
46	MG/KG	BARIUM	01006
0.4	MG/KG	BERYLLIUM	01013
0.050	MG/KG	CADMIUM	01028
9.2	MG/KG	COBALT	01036
9.7	MG/KG	CHROMIUM	01029
20	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
11	MG/KG	NICKEL	01068
19	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
10	MG/KG	SELENIUM	01148
7.7X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.50	MG/KG	THALLIUM	34480
14	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
30	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
6600	MG/KG	ALUMINUM	01108
160	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
18000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

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

12/20/83

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

SAMPLE NO.: 6BC3613 SAMPLE TYPE: SEDIM

PROJECT ID.: 03-190. PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN 2000 PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: 5CP-008
STREET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TUTT RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

DIVISION NAME
ANALYTICAL METHOD:

CODE NO.: 1789 REG SAMPLE NO: D 3153 (ORG SAMPLE NO.: FD 360
CONTRACT LABORATORY(INORGANIC): VERSAR
CONTRACT LABORATORY(ORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TOB SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS
X-VALUE IS SUSPECT

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

RESULTS	UNITS	ELEMENT	STORET
2.1	MG/KG	SILVER	01078
3.5	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
100	MG/KG	BARIUM	01008
0.3	MG/KG	BERYLLIUM	01013
0.08	MG/KG	CADMIUM	01028
11	MG/KG	COBALT	01036
13	MG/KG	CHROMIUM	01029
18	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
14	MG/KG	NICKEL	01066
21	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01096
10	MG/KG	SELENIUM	01148
9.5X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01063
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.50	MG/KG	THALLIUM	34480
19	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
36	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
6400	MG/KG	ALUMINUM	01106
940	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
14000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *L-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

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

12/20/83

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

SAMPLE NO.: 83C3814 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN PIEDMONT
CITY: GOLF STATE: NC

STATION I.D.: SP-009
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM: [illegible]
SAMPLE REC'D DATE/TIME 00/00/00 REC'D BY: [illegible]
SEALED:

CHEMIST: MAW
ANALYTICAL METHOD:

SAMPLE NO.: 1789 ORG SAMPLE NO.: D 3354 INORG SAMPLE NO.: MD 361
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TDB SAMPLE DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON WET WEIGHT BASIS
X-VALUE IS SUSPECT

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

RESULTS	UNITS	ELEMENT	STORET
1.4	MG/KG	SILVER	01078
2.4	MG/KG	ARSENIC	01003
5U	MG/KG	BORON	01023
29	MG/KG	BARIUM	01008
0.25U	MG/KG	BERYLLIUM	01013
0.05U	MG/KG	CADMIUM	01028
5.4	MG/KG	COBALT	01038
4.6	MG/KG	CHROMIUM	01029
3.9	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
2.3	MG/KG	NICKEL	01068
8.9	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
1U	MG/KG	SELENIUM	01148
3.3X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.5U	MG/KG	THALLIUM	34480
12	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
13	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.1U	MG/KG	MERCURY	71921
3200	MG/KG	ALUMINUM	01108
260	MG/KG	MANGANESE	01053
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
9500	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

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

12/20/84

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

SAMPLE NO.: R3C3H27 SAMPLE TYPE: SEDIM

PROJECT NO.: 81-199 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN 3000 PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S00-001
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C FIELD RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: RAW
ANALYTICAL METHOD:

SITE NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: HD 353
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: RAW

REMARKS
X-VALUE IS SUSPECT
DATA REPORTED ON DRY WEIGHT BASIS

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

RESULTS	UNITS	ELEMENT	STORET
2.5	MG/KG	SILVER	01078
7.8	MG/KG	ARSENIC	01003
50	MG/KG	BORON	01023
81	MG/KG	BARIUM	01008
0.250	MG/KG	BERYLLIUM	01013
0.050	MG/KG	CADMIUM	01028
10	MG/KG	COBALT	01038
22	MG/KG	CHROMIUM	01029
17	MG/KG	COPPER	01043
NA	MG/KG	MOLYBDENUM	01063
26	MG/KG	NICKEL	01068
20	MG/KG	LEAD	01052
10	MG/KG	ANTIMONY	01098
10	MG/KG	SELENIUM	01148
19X	MG/KG	TIN	01103
NA	MG/KG	STRONTIUM	01083
NA	MG/KG	TELLURIUM	45513
NA	MG/KG	TITANIUM	01153
0.50	MG/KG	THALLIUM	34480
23	MG/KG	VANADIUM	01088
NA	MG/KG	YTTRIUM	45514
22	MG/KG	ZINC	01093
NA	MG/KG	ZIRCONIUM	01163
0.10	MG/KG	MERCURY	71921
9700	MG/KG	ALUMINUM	01106
290	MG/KG	MANGANESE	01055
NA	MG/KG	CALCIUM	00917
NA	MG/KG	MAGNESIUM	00924
16000	MG/KG	IRON	01170
NA	MG/KG	SODIUM	00934
NA	MG/KG	CHROMIUM,HEXAVALENT	
NA	%	MOISTURE	70320

****

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,SEG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	SAMPLE
0.50	MG/KG	CYANIDE	00721

12/20/83

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

SAMPLE NO.: R3C3H10 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN [illegible] PIEDMONT
CITY: GULF STATE: LC

STATION I.D.: [illegible]
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TIDE RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

[illegible]: [illegible] CHEMISTS
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: MD 357
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY FTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: HAW

REMARKS
DATA REPORTED ON [illegible] DRY WEIGHT BASIS

****

FOOTNOTES
*A-AVERAGE VALUE *DA-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
[illegible] DETECTED THE NUMBER IS

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

20/03

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

SAMPLE NO.: H3C1811 SAMPLE TYPE: SEDIM

PROJECT NO.: H3-190 PROGRAM ELEMENT: HSF
SOURCE: SOUTHERN AIRD PIEDMONT
CITY: GOLF STATE: NC

STATION I.D.: S-P-004
STORET STATION: 001

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: CAV CHEMIST:
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3351 INORG SAMPLE NO.: HB 358
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PBR DATA VERIFIED BY: DAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *MAI-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	UNITS	PARAMETER	STORET
0.50	MG/KG	CYANIDE	00721

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

12/20/83

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

SAMPLE NO.: H3C1512 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: HSF
SOURCE: SOUTHERN 4000 FIELDWORT
CITY: GULF STATE: NC

STATION I.D.: S-M-007
STREET STATION NOT

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILG RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHEMIST:
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: P 3352 INORG SAMPLE NO.: SD 359
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TGM DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON WET WEIGHT BASIS

****

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 STATED DETECTION LIMIT

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

RESULTS	UNITS	PARAMETER	SHEET
0.50	MG/KG	CYANIDE	00721

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

.2/20/83

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

SAMPLE NO.: 830341 SAMPLE TYPE: SEDIM

PROJECT NO.: 81-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN AND PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SAP-008
SIGNET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST: MAM CHECKED:
ANALYTICAL METHOD:

NO.: 1749 ORG SAMPLE NO: D 3153 INORG SAMPLE NO.: LD 360
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: MAM

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *O-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	UNITS	PARAMETER	SIGNET
0.50	UG/KG	CYANIDE	00721

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

03/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B3C3807 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-002
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1210
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

ANALYST: CHH
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3347 INORG SAMPLE NO.: MD 354
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

****

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 MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

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

RESULTS	UNITS	COMPOUND	STORET
20U	UG/KG	ALDRIN	39333
20U	UG/KG	HEPTACHLOR	39413
20U	UG/KG	HEPTACHLOR EPOXIDE	39423
20U	UG/KG	ALPHA-BHC	39076
20U	UG/KG	BETA-BHC	34257
20U	UG/KG	GAMMA-BHC (LINDANE)	39343
20U	UG/KG	DELTA-BHC	34262
20U	UG/KG	ENDOSULFAN I (ALPHA)	34364
20U	UG/KG	DIELDRIN	39383
20U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
20U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
20U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
20U	UG/KG	ENDRIN	39393
20U	UG/KG	ENDOSULFAN II (BETA)	34359
20U	UG/KG	ENDOSULFAN SULFATE	34354
20U	UG/KG	CHLORDANE (TECH, MIXTURE) /1	39351
20U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
20U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
20U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
20U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
20U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
20U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
20U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
80U	UG/KG	TOXAPHENE	39403
20U	UG/KG	ENDRIN ALDEHYDE	34369
20U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34676
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
30	%	MOISTURE	70320

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

03/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3808 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-003
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1215
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

IEMIST: CHH
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3348 INORG SAMPLE NO.: MD 355
NTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
20U	UG/KG	ALDRIN	39333
20U	UG/KG	HEPTACHLOR	39413
20U	UG/KG	HEPTACHLOR EPOXIDE	39423
20U	UG/KG	ALPHA-BHC	39076
20U	UG/KG	BETA-BHC	34257
20U	UG/KG	GAMMA-BHC (LINDANE)	39343
20U	UG/KG	DELTA-BHC	34262
20U	UG/KG	ENDOSULFAN I (ALPHA)	34364
20U	UG/KG	DIELDRIN	39383
20U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
20U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
20U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
20U	UG/KG	ENDRIN	39393
20U	UG/KG	ENDOSULFAN II (BETA)	34359
20U	UG/KG	ENDOSULFAN SULFATE	34354
20U	UG/KG	CHLORDANE (TECH. MIXTURE) /1	39351
20U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
20U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
20U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
20U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
20U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
20U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
20U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
80U	UG/KG	TOXAPHENE	39403
20U	UG/KG	ENDRIN ALDEHYDE	34369
20U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34076
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
28	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT.
WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

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

03/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: B3C3809 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-006
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 3349 INORG SAMPLE NO.: MD 356
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBD DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
200	UG/KG	ALDRIN	39333
200	UG/KG	HEPTACHLOR	39413
200	UG/KG	HEPTACHLOR EPOXIDE	39423
200	UG/KG	ALPHA-BHC	39076
200	UG/KG	BETA-BHC	34257
200	UG/KG	GAMMA-BHC (LINDANE)	39343
200	UG/KG	DELTA-BHC	34262
200	UG/KG	ENDOSULFAN I (ALPHA)	34364
200	UG/KG	DIELDRIN	39383
200	UG/KG	4,4'-DDT (P,P'-DDT)	39301
200	UG/KG	4,4'-DDE (P,P'-DDE)	39321
200	UG/KG	4,4'-DDD (P,P'-DDD)	39311
200	UG/KG	ENDRIN	39393
200	UG/KG	ENDOSULFAN II (BETA) |	34359
200	UG/KG	ENDOSULFAN SULFATE |	34354
200	UG/KG	CHLORDANE (TECH, MIXTURE) /1	39351
200	UG/KG	PCB-1242 (AROCLOR 1242)	39499
200	UG/KG	PCB-1254 (AROCLOR 1254)	39507
200	UG/KG	PCB-1221 (AROCLOR 1221)	39491
200	UG/KG	PCB-1232 (AROCLOR 1232)	39495
200	UG/KG	PCB-1248 (AROCLOR 1248)	39503
200	UG/KG	PCB-1260 (AROCLOR 1260)	39511
200	UG/KG	PCB-1016 (AROCLOR 1016)	39514
800	UG/KG	TOXAPHENE	39403
200	UG/KG	ENDRIN ALDEHYDE	34369
200	UG/KG	2,3,7,8 TCDD(DIOXIN)	34676
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
12	%	MOISTURE	70320

****

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
[illegible] DETECTION LIMIT. [illegible] CONSTITUENTS.

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

03/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3810 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-005
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: CHH
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3350 INORG SAMPLE NO.: MD 357
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ALDRIN	39333
100U	UG/KG	HEPTACHLOR	39413
100U	UG/KG	HEPTACHLOR EPOXIDE	39423
100U	UG/KG	ALPHA-BHC	39076
100U	UG/KG	BETA-BHC	34257
100U	UG/KG	GAMMA-BHC (LINDANE)	39343
100U	UG/KG	DELTA-BHC	34262
100U	UG/KG	ENDOSULFAN I (ALPHA)	34364
100U	UG/KG	DIELDRIN	39383
100U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
100U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
100U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
100U	UG/KG	ENDRIN	39393
100U	UG/KG	ENDOSULFAN II (BETA)	34359
100U	UG/KG	ENDOSULFAN SULFATE	34354
100U	UG/KG	CHLORDANE (TECH. MIXTURE) /1	39351
100U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
100U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
100U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
100U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
100U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
100U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
100U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
400U	UG/KG	TOXAPHENE	39403
100U	UG/KG	ENDRIN ALDEHYDE	34369
100U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34676
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
17	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT.
[illegible] NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.

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

03/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3811 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-004
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1315
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1789 ORG SAMPLE NO: D 335: INORG SAMPLE NO.: MD 358
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ALDRIN	39333
100U	UG/KG	HEPTACHLOR	39413
100U	UG/KG	HEPTACHLOR EPOXIDE	39423
100U	UG/KG	ALPHA-BHC	39076
100U	UG/KG	BETA-BHC	34257
100U	UG/KG	GAMMA-BHC (LINDANE)	39343
100U	UG/KG	DELTA-BHC	34262
100U	UG/KG	ENDOSULFAN I (ALPHA)	34364
100U	UG/KG	DIELDRIN	39383
100U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
100U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
100U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
100U	UG/KG	ENDRIN	39393
100U	UG/KG	ENDOSULFAN II (BETA)	34359
100U	UG/KG	ENDOSULFAN SULFATE	34354
100U	UG/KG	CHLORDANE (TECH. MIXTURE) /1	39351
100U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
100U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
100U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
100U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
100U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
100U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
100U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
400U	UG/KG	TOXAPHENE	39403
100U	UG/KG	ENDRIN ALDEHYDE	34369
100U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34675
--	UG/KG	CHLORDENE /2	61765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
22	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT. [illegible] CONSTITUENTS.

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

09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3812 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-007
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1445
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

'EMIST: CHH
ALYTICAL METHOD:

E NO.: 1789 ORG SAMPLE NO: D 3352 INORG SAMPLE NO.: MD 359
TRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/KG	ALDRIN	39333
100U	UG/KG	HEPTACHLOR	39413
100U	UG/KG	HEPTACHLOR EPOXIDE	39423
100U	UG/KG	ALPHA-BHC	39076
100U	UG/KG	BETA-BHC	34257
100U	UG/KG	GAMMA-BHC (LINDANE)	39343
100U	UG/KG	DELTA-BHC	34262
100U	UG/KG	ENDOSULFAN I (ALPHA)	34304
100U	UG/KG	DIELDRIN	39383
100U	UG/KG	4,4'-DDT (P,P'-DDT)	39301
100U	UG/KG	4,4'-DDE (P,P'-DDE)	39321
100U	UG/KG	4,4'-DDD (P,P'-DDD)	39311
100U	UG/KG	ENDRIN	39393
100U	UG/KG	ENDOSULFAN II (BETA)	34359
100U	UG/KG	ENDOSULFAN SULFATE	34354
100U	UG/KG	CHLORDANE (TECH, MIXTURE) /1	39351
100U	UG/KG	PCB-1242 (AROCLOR 1242)	39499
100U	UG/KG	PCB-1254 (AROCLOR 1254)	39507
100U	UG/KG	PCB-1221 (AROCLOR 1221)	39491
100U	UG/KG	PCB-1232 (AROCLOR 1232)	39495
100U	UG/KG	PCB-1248 (AROCLOR 1248)	39503
100U	UG/KG	PCB-1260 (AROCLOR 1260)	39511
100U	UG/KG	PCB-1016 (AROCLOR 1016)	39514
400U	UG/KG	TOXAPHENE	39403
100U	UG/KG	ENDRIN ALDEHYDE	34369
100U	UG/KG	2,3,7,8 TCDD(DIOXIN)	34678
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
8	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

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

05/09/84 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C3813 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN WOOD PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: SWP-008
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1540
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TILL RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHMIST: CHH
ANALYTICAL METHOD:

LAB NO.: 1789 ORG SAMPLE NO: D 3353 INORG SAMPLE NO.: MD 360
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TAB DATA VERIFIED BY: CHH

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
200	UG/KG	ALDRIN	39333
200	UG/KG	HEPTACHLOR	39413
200	UG/KG	HEPTACHLOR EPOXIDE	39423
200	UG/KG	ALPHA-BHC	39076
200	UG/KG	BETA-BHC	34257
200	UG/KG	GAMMA-BHC (LINDANE)	39343
200	UG/KG	DELTA-BHC	34262
200	UG/KG	ENDOSULFAN I (ALPHA)	34364
200	UG/KG	DIELDRIN	39363
200	UG/KG	4,4'-DDT (P,P'-DDT)	39301
200	UG/KG	4,4'-DDE (P,P'-DDE)	39321
200	UG/KG	4,4'-DDD (P,P'-DDD)	39311
200	UG/KG	ENDRIN	39393
200	UG/KG	ENDOSULFAN II (BETA)	34359
200	UG/KG	ENDOSULFAN SULFATE	34354
200	UG/KG	CHLORDANE (TECH. MIXTURE) /1	39351
200	UG/KG	PCB-1242 (AROCLOR 1242)	39499
200	UG/KG	PCB-1254 (AROCLOR 1254)	39507
200	UG/KG	PCB-1221 (AROCLOR 1221)	39491
200	UG/KG	PCB-1232 (AROCLOR 1232)	39495
200	UG/KG	PCB-1248 (AROCLOR 1248)	39503
200	UG/KG	PCB-1260 (AROCLOR 1260)	39511
200	UG/KG	PCB-1016 (AROCLOR 1016)	39514
800	UG/KG	TOXAPHENE	39403
200	UG/KG	ENDRIN ALDEHYDE	34369
200	UG/KG	2,3,7,8 TCDD(DIOXIN)	34678
--	UG/KG	CHLORDENE /2	81765
--	UG/KG	ALPHA-CHLORDENE /2	
--	UG/KG	GAMMA-CHLORDENE /2	
--	UG/KG	1-HYDROXYCHLORDENE /2	
--	UG/KG	GAMMA-CHLORDANE /2	39811
--	UG/KG	TRANS-NONACHLOR /2	39073
--	UG/KG	ALPHA-CHLORDANE /2	
--	UG/KG	CIS-NONACHLOR /2	39070
NA	UG/KG	METHOXYCHLOR	39481
30	%	MOISTURE	70320

****

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 MINIMUM DETECTION LIMIT.
/1 WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.

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

12/20/83

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

SAMPLE NO.: N3C3H14 SAMPLE TYPE: SEDIM

PROJECT NO.: R1-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHER. CORP PIEDMONT
CITY: GOLF STATE: NC

STATION I.D.: S-E-009
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1600
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C TIDE RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

HIST: NAM CHEMICAL:
LYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3154 INORG SAMPLE NO.: CD 361
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TOB DATA VERIFIED BY: NAW

REMARKS
DATA REPORTED ON DRY SLIDGE BASIS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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

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

RESULTS	UNITS	PARAMETER	STORET
0.50	UG/KG	CYANIDE	00721

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

12/20/83

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

SAMPLE NO.: R3C3827 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-190 PROGRAM ELEMENT: NSF
SOURCE: SOUTHERN AND PIEDMONT
CITY: GULF STATE: NC

STATION I.D.: S NP-001
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 09/21/83 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: C LILE RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: MAW CHECKED:
ANALYTICAL METHOD:

NO.: 1789 ORG SAMPLE NO: D 3346 INORG SAMPLE NO.: ND 353
CONTRACT LABORATORY(ORGANIC): VERSAR
CONTRACT LABORATORY(INORGANIC): ROCKY MTN ANAL LAB

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: THR DATA VERIFIED BY: MAW

REMARKS
DATA REPORTED ON DRY WEIGHT BASIS

ANALYTICAL RESULTS

RESULTS	UNITS	PARAMETER	STORET
0.5U	MG/KG	CYANIDE	00721

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-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.