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R-586-10-4-41

SAMPLING INVESTIGATION REPORT
SAAD SITE
NASHVILLE, TENNESSEE

Prepared Under
TDD NO. F4-8304-01
CONTRACT NO. 68-01-6699

FOR THE

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

OCTOBER 31, 1984

NUS CORPORATION
SUPERFUND DIVISION

Prepared By	Reviewed By	Approved By
R. Roger Franklin	Murray Warner, P.E.	Murray Warner, P.E.
Project Engineer	Regional Project Manager	Regional Project Manage

area located north of the Croft property. In 1968, L & N Railroad paid damages to the Croft farm for polluting the spring, which reportedly injured cattle that drank from the stream. Past sampling of the major spring by the Tennessee Water Quality staff has documented the presence of alkylated benzene, 1,1-dichloroethylene, chloroform, carbon tetrachloride and chlorobenzene. Additionally, the stream is aesthetically damaged by an orange colored precipitant thought to be related to an unnatural bloom of iron-fixing microflora. Museum and state officals desire to rid this spring of pollution to eliminate possible health risks to users of the planned park and to restore its natural appearance.

During August and September of 1982, FIT installed seven monitoring wells on and around the Saad Site. Five of the monitoring wells were installed on the Croft farm, adjacent to the Saad Site. The sixth well was placed on L & N property and the seventh well was drilled on the Saad Site. The locations of the monitoring wells are given in Figure 2. The data generated by the installation of the monitoring wells is given in the report submitted under TDD # F4-8204-06.

Two previous sampling studies were conducted during May and September of 1982. The first study (May, 1982) included the collection of water and sediment samples from streams and surface drainage routes in the area. The second study (September, 1982) consisted of the collection of groundwater samples from six of the seven monitoring wells. The results of both investigations are found in the report submitted under TDD # F4-8212-105.

3.0 OBJECTIVE

The objective of this investigation was to obtain samples that would aid in determining if seasonal fluctuations in the elevation of the groundwater table in the area would effect the migration of chemical contaminants below the Saad Site. Water level measurements showing slight seasonal fluctuations taken from the seven monitoring wells on two different dates are given in Table 1.

(Tables V & VI). Of the 20 compounds detected, two compounds (benzene and phenol) are listed as priority pollutants, and 14 were unidentified. The concentrations of the 20 compounds ranged from 31 ug/l (phenol) to 1,200 ug/l (acetone).

5.3 Monitoring Well SS-CFMW-02 (Sample Code SS-CFMWRS1-02)

As shown in Table IV three metals were detected in the sample analyzed. Aluminum, manganese and iron were detected at concentrations of 790 ug/l, 150 ug/l and 800 ug/l respectively. No organic compounds were detected by the organic analyses performed on the sample.

5.4 Monitoring Well SS-CFMW-03 (Sample Code SS-CFMWRS1-03)

Inorganic analysis detected three metals present in the sample (Table IV). The three metals identified were tin (40 ug/l), manganese (450 ug/l) and iron (800 ug/l).

Five organic compounds were identified by the organic analyses performed on the sample (Tables V & VI). One of the compounds, chlorobenzene (7.4 ug/l), is listed as a priority pollutant. The remaining four compounds included acetone (64 ug/l), C_2 alkylnaphthalene (20 ug/l), C_3 alkylnaphthalene (30 ug/l) and an unidentified petroleum product.

5.5 Monitoring Well SS-CFMW-04 (Sample Code SS-CRMWRS1-04)

As shown in Table IV the inorganic analysis identified five metals and one inorganic compound present in the sample. Cyanide (14 ug/l) and lead (70 ug/l) are listed as priority pollutants.

The organic analyses detected two organic compounds in the sample (Tables V & VI). The two compounds detected were chlorobenzene (34 ug/l) and an unidentified petroleum product. Chlorobenzene is listed as a priority pollutant.

procedures as specified in the Water Surveillance Branch Standard Operating Procedures and Quality Assurance Manual (1). All of the wells with the exception of well SS-CFMW-01 were purged until dry or until three static volumes of water had been removed. Well SS-CFMW-01 was not purged because based on previous experience the well would not recharge during the time frame of the study. All laboratory analyses and quality assurance procedures used during this investigation were in accordance with the standard procedures and protocols as specified in the Analytical Support Branch Operations and Quality Assurance Manual or as specified by the existing United States Environmental Protection Agency procedures and protocols for the contract analytical laboratory program (2).

REFERENCES

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

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

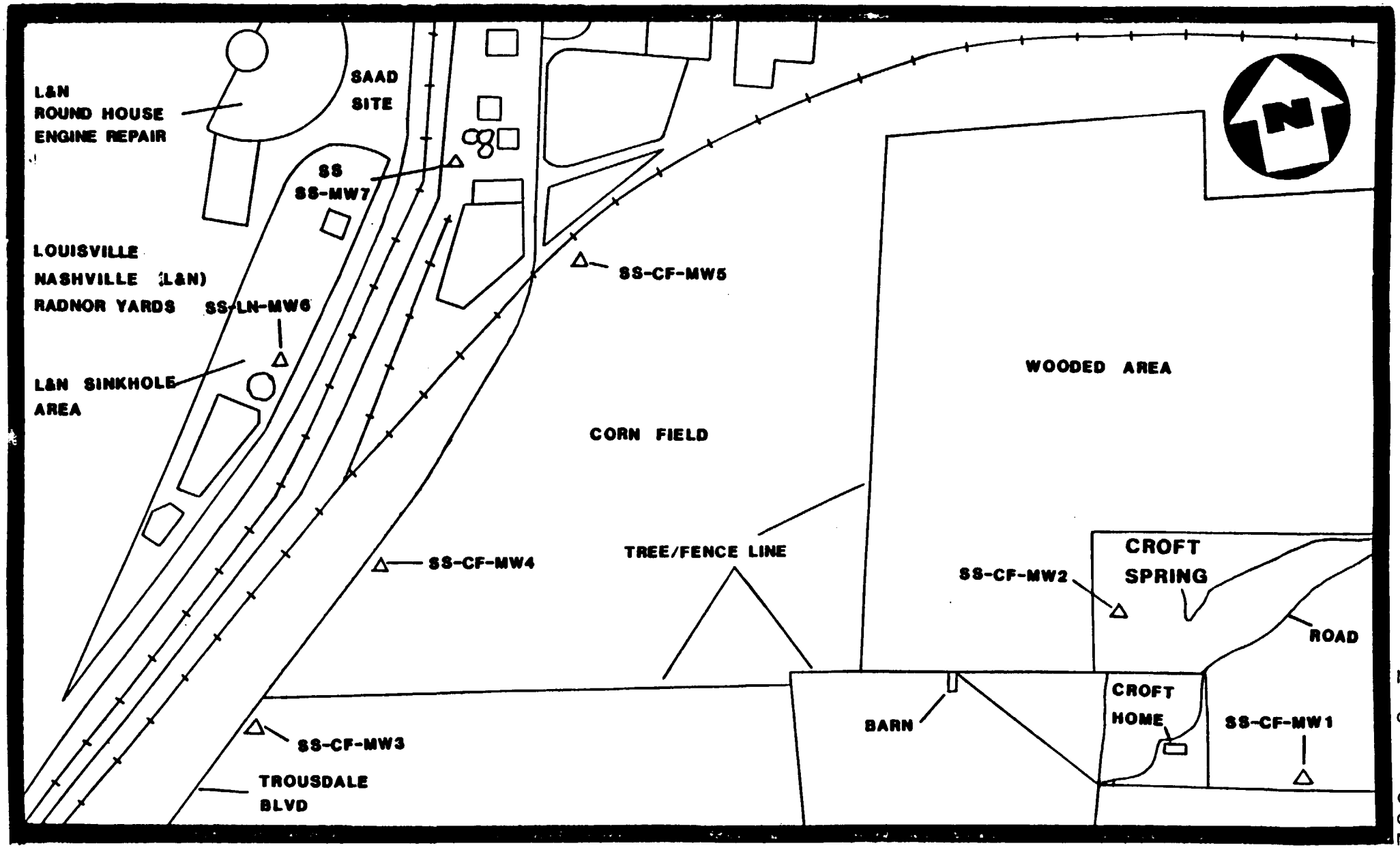

FIGURE 2 LOCATION OF MONITORING WELLS

0 300 FT.
SCALE

NUS CORPORATION

^ MONITORING WELL

2 8 0324

TABLE I
SAAD SITE
NASHVILLE, TENNESSEE
WATER LEVEL MEASUREMENT
(in Ft)

Date	SS-CFMW-01	SS-CFMW-02	SS-CFMW-03	SS-CFMW-04	SS-CFMW-05	SS-LNMW-06	SS-SSMW-07
10/9/82	51.8'	26.5'	36.3'	30.3'	21.2'	14.5'	15.1'
4/26/83	48.6'	25.4'	30.0'	29.3'	24.0'	11.3'	11.4'

TABLE II
SAAD SITE
SOIL SAMPLES
INORGANIC ANALYSIS(1)
(in ug/kg)

Element	SS-CSRS1-01
Arsenic*	11,000
Boron	6,800
Barium	130,000
Beryllium*	900
Cadmium*	70
Chromium*	11,000
Copper*	4,800
Nickel*	4,100
Lead*	7,900
Selenium*	150
Vanadium	12,000
Zinc*	14,000
Aluminum	17,000,000
Manganese	2,900,000
Iron	30,000,000

(1) Data reported on a wet weight basis.
* Priority pollutant.

TABLE III
SAAD SITE
SOIL SAMPLES
EXTRACTABLE ORGANIC COMPOUNDS(1)
(in ug/kg)

Compound	SS-CSRS1-01
Benzothiazolethione	3,700 JN

J - Estimated value.
N - Presumptive evidence of presence of material.
(1) - Data suspect based on quality control.

TABLE IV
SAAD SITE
WATER SAMPLES
INORGANIC ANALYSES
(in ug/l)

Element	SS-CSRS1 01W	SS-CFMWR S1-01	SS-CFMWR S1-02	SS-CFMWR S1-03	SS-CFMWR S1-04	SS-CFMWR S1-05	SS-LNMWR S1-06	SS-LNMWR S1-07
Cyanide*	-	16	-	-	14	-	-	-
Arsenic*	-	-	-	-	-	-	-	43
Boron	140	250	-	-	190	350	420	1,000
Barium	-	-	-	-	-	-	-	100
Nickel*	-	-	-	-	-	-	-	48
Lead*	-	66	-	-	70	7.0	29	52
Tin	-	-	-	40	-	-	-	-
Zinc*	-	54	-	-	-	-	84	33
Aluminum	-	5,500	790	-	190	130	260	2,800
Manganese	1,600	54	150	450	13,000	2,200	1,300	81,000
Iron	1,700	5,700	800	800	20,000	10,000	5,900	180,000

* Priority pollutant.

\- Material was analyzed for but not detected.

TABLE V

SAAD SITE

WATER SAMPLES

PURGEABLE ORGANIC COMPOUNDS(1)

(in ug/l)

Compound	SS-CSRS1 01W	SS-CFMWR S1-01	SS-CFMWR S1-02	SS-CFMWR S1-03	SS-C.'MWR S1-04	SS-CFMWR S1-05	SS-LNMWR S1-06	SS-SSMWR S1-07
Vinyl Chloride*	-	-	-	-	-	11	-	15,000
Chloroethane*	-	-	-	-	-	110	-	-
Methylene Chloride*	-	-	-	-	-	-	-	31,000
1,1-dichloroethane*	-	-	-	-	-	75	-	-
Trans-1,2-dichloroethene	-	-	-	-	-	90	-	160,000
1,2-dichloroethane*	-	-	-	-	-	3J	-	-
1,1,1-trichloroethane*	-	-	-	-	-	-	-	34,000
Trichloroethene	-	-	-	-	-	-	-	85,000
Benzene*	-	45	-	-	-	29	-	-
1,1,2,2-tetrachloroethane*	-	-	-	-	-	-	-	5,000J
Tetrachloroethene	-	-	-	-	-	-	-	82,000
Toluene*	-	-	-	-	-	800J	-	9,500
Chlorobenzene*	-	-	-	7.4	34	-	-	2,000J
Ethyl Benzene*	-	-	-	-	-	120	-	4,000J
O & P-Xylene (mixed)	-	-	-	-	-	110	-	4,000J
Acetone	-	1,200	-	640	-	920	3,700	-
Methylpropanal	-	-	-	-	-	20JN	-	-

TABLE VI

SAAD SITE

WATER SAMPLES

EXTRACTABLE ORGANIC COMPOUNDS(1)

(in ug/l)

Compound	SS-CFMWR S1-01	SS-CSRS1-01W	SS-CFMWR S1-02	SS-CFMWR S1-03	SS-CFMWR S1-04	SS-CFMWR S1-05	SS-LNMWR S1-06	SS-SSMWR S1-07
Naphthalene*	-	-	-	-	-	-	-	130
Phenanthrene*	-	-	-	-	-	-	-	88
Flouranthene*	-	-	-	-	-	-	-	20J
Bis(2-ethylhexyl) phthalate*	-	-	-	-	-	-	2,600	-
Phenol*	31	-	-	-	-	-	-	240
C2 Alkylbenzene	80JN	-	-	-	-	-	-	-
C3 Alkylbenzene	60JN	-	-	-	-	-	-	-
C4 Alkylbenzene	30JN	-	-	-	-	-	-	-
C2 Alkylnaphthalene	-	-	-	20JN	-	-	5,000JN	-
C3 Alkylnaphthalene	-	-	-	30JN	-	-	-	-
C4 Alkylbenzoic Acid	-	-	-	-	-	90JN	-	-
Petroleum Product	-	-	-	N	N	-	N	N

TABLE VII
SAAD SITE
NASHVILLE, TENNESSEE
FIELD MEASUREMENTS

Measurement	SS-CSRS1-01	SS-CFMWRS1-01	SS-CFMWRS1-02	SS-CFMWRS1-03	SS-CFMWRS1-04	SS-CFMWRS1-05	SS-LNMWRS1-06	SS-SSMWRS1-07
Temperature C°	16.0	14.0	15.2	17.5	20.8	17.8	16.6	N/A
pH (S.U.)	6.66	11.6	6.5	6.65	6.6	6.5	6.7	N/A
Conductivity (umhos)	N/A	1900	4.70	410	420	510	510	N/A

N/A - Not available

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

07/27/83

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

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
72U	UG/KG	ACROLEIN	34213
72U	UG/KG	ACRYLONITRILE	34218
3.6U	UG/KG	CHLOROMETHANE	34421
3.6U	UG/KG	BROMOMETHANE	34416
3.6U	UG/KG	VINYL CHLORIDE	34495
3.6U	UG/KG	CHLOROETHANE	34314
3.6U	UG/KG	METHYLENE CHLORIDE	34426
3.6U	UG/KG	1,1-DICHLOROETHENE	34504
3.6U	UG/KG	1,1-dichloroethane	34499
3.6U	UG/KG	TRANS-1,2-DICHLOROETHENE	34549
3.6U	UG/KG	CHLOROFORM	34318
3.6U	UG/KG	1,2-dichloroethane	34534
3.6U	UG/KG	1,1,1-trichloroethane	34509
3.6U	UG/KG	CARBON TETRACHLORIDE	34299
3.6U	UG/KG	BROMODICHLOROMETHANE	34330
3.6U	UG/KG	1,2-DICHLOROPROPANE	34544
3.6U	UG/KG	TRANS-1,3-DICHLOROPROPENE	34697
3.6U	UG/KG	TRICHLOROETHENE	34487
3.6U	UG/KG	BENZENE	34237
3.6U	UG/KG	DIBROMOCHLOROMETHANE	34309
3.6U	UG/KG	1,1,2-trichloroethane	34514
7.2U	UG/KG	CIS-1,3-DICHLOROPROPENE	34702
3.6U	UG/KG	2-CHLOROETHYLVINYL ETHER	34579
3.6U	UG/KG	BROMOFORM	34290
3.6U	UG/KG	1,1,2,2-tetrachloroethane	34519
3.6U	UG/KG	TETRACHLOROETHENE	34478
3.6U	UG/KG	TOLUENE	34483
3.6U	UG/KG	CHLOROBENZENE	34304
3.6U	UG/KG	ETHYL BENZENE	34374
NA	UG/KG	M-XYLENE	
3.6U	UG/KG	O&P-XYLENE(MIXED)	
	%	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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/KG	COMPOUND NAME
72U	ACETONE
150U	METHYL ETHYL KETONE
7.2U	CARBON DISULFIDE
72U	METHYL BUTYL KETONE
72U	METHYL ISOBUTYL KETONE
3.6U	STYRENE
7.2U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
3.6U	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

07/27/83

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

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

****

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

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

RESULTS	UNITS	COMPOUND	STORET
NA	UG/KG	N-NITROSODIMETHYLAMINE	34441
1200U	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34349
2300U	UG/KG	BENZIDINE	39121
580U	UG/KG	1,3-DICHLOROBENZENE	34569
580U	UG/KG	1,4-DICHLOROBENZENE	34574
580U	UG/KG	1,2-dichlorobenzene	34539
580U	UG/KG	bis(2-chloroethyl) ether	34276
580U	UG/KG	HEXACHLOROETHANE	34399
1200U	UG/KG	bis(2-chloroisopropyl) ether	34286
1200U	UG/KG	N-NITROSODI-N-PROPYLAMINE	34431
580U	UG/KG	NITROBENZENE	34450
580U	UG/KG	HEXACHLOROBUTADIENE	39705
580U	UG/KG	1,2,4-trichlorobenzene	34554
580U	UG/KG	NAPHTHALENE	34445
1200U	UG/KG	bis(2-chloroethoxy) methane	34281
580U	UG/KG	ISOPHORONE	34411
580U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)	34389
580U	UG/KG	2-chloronaphthalene	34584
580U	UG/KG	ACENAPHTHYLENE	34203
580U	UG/KG	ACENAPHTHENE	34208
580U	UG/KG	DIMETHYL PHTHALATE	34344
1200U	UG/KG	2,4-dinitrotoluene	34614
1200U	UG/KG	2,6-dinitrotoluene	34629
580U	UG/KG	4-chlorophenyl phenyl ether	34644
580U	UG/KG	FLUORENE	34384
580U	UG/KG	DIETHYL PHTHALATE	34339
580U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	34436
580U	UG/KG	HEXACHLOROBENZENE (HCB)	39701
580U	UG/KG	4-bromophenyl phenyl ether	34639
580U	UG/KG	PHENANTHRENE	34464
580U	UG/KG	ANTHRACENE	34223
580U	UG/KG	DI-N-BUTYLPHTHALATE	39112
580U	UG/KG	FLUORANTHENE	34379
580U	UG/KG	PYRENE	34472
580U	UG/KG	BENZYL BUTYL PHTHALATE	34295
580U	UG/KG	bis(2-ethylhexyl) phthalate	39102
580U	UG/KG	BENZO(A)ANTHRACENE	34529
580U	UG/KG	CHRYSENE	34323
1200U	UG/KG	3,3'-dichlorobenzidine	34634
580U	UG/KG	DI-N-OCTYLPHTHALATE	34599
1200U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/KG	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
1200U	UG/KG	BENZO-A-PYRENE	34250
1200U	UG/KG	INDENO (1,2,3-CD) PYRENE	34406
1200U	UG/KG	DIBENZO(A,H)ANTHRACENE	34559
1200U	UG/KG	BENZO(GHI)PERYLENE	34524
580U	UG/KG	2-chlorophenol	34589
1200U	UG/KG	2-nitrophenol	34594
580U	UG/KG	PHENOL	34695
580U	UG/KG	2,4-dimethylphenol	34609
580U	UG/KG	2,4-dichlorophenol	34604
580U	UG/KG	2,4,6-trichlorophenol	34624
580U	UG/KG	4-CHLORO-3-METHYLPHENOL	34455
2900U	UG/KG	2,4-dinitrophenol	34619
1200U	UG/KG	[illegible]	[illegible]
1200U	UG/KG	PENTACHLOROPHENOL	39081
5800U	UG/KG	4-nitrophenol	34649
	%	MOISTURE	70320

2 8 0334

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 83C2426 SAMPLE TYPE: SEDIM

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SARD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2132 INORG SAMPLE NO.: MD 124
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/KG	COMPOUND NAME
5800U	BENZOIC ACID
580U	2-METHYLPHENOL
580U	4-METHYLPHENOL
5800U	2,4,5-TRICHLOROPHENOL
580U	ANILINE
1200U	BENZYL ALCOHOL
2900U	4-CHLOROANILINE
580U	DIBENZOFURAN
1200U	2-METHYL NAPHTHALENE
5800U	2-NITROANILINE
5800U	3-NITROANILINE
5800U	4-NITROANILINE
3700JN	BENZOTHIAZOLETHIONE

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1412 INORG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
250	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
66	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
54	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
5500	UG/L	ALUMINUM	01105
54	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
5.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2133 INORG SAMPLE NO.: MD 125
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
140	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
5U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
100U	UG/L	ALUMINUM	01105
1600	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
1.7	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFNWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
100U	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
5U	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
790	UG/L	ALUMINUM	01105
150	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.8	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAO SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TRB SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
350	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
7.0	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
130	UG/L	ALUMINUM	01105
2200	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
10	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMWRS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
420	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
29	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
84	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
260	UG/L	ALUMINUM	01105
1300	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
5.9	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAO SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
43	UG/L	ARSENIC	01002
1000	UG/L	BORON	01022
100	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
48	UG/L	NICKEL	01067
52	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
33	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
2800	UG/L	ALUMINUM	01105
81000	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
180	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2133 INORG SAMPLE NO.: MD 125
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2425 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: RPL CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 0 INORG SAMPLE NO.: MD 181
CONTRACT LABORATORY(ORGANIC):
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.014	MG/L	CYANIDE	00720

****

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

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMNRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMWRS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TGB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1412 INORG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
45	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
150U	UG/L	TOLUENE	34010
5U	UG/L	CHLOROBENZENE	34301
30U	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
30U	UG/L	O&P-XYLENE(MIXED)	

****

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

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: M3-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: F FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
5U	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
5U	UG/L	TOLUENE	34010
5U	UG/L	CHLOROBENZENE	34301
5U	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
5U	UG/L	O&P-XYLENE(MIXED)	

****

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

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TSB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
5U	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
5U	UG/L	TOLUENE	34010
7.4	UG/L	CHLOROBENZENE	34301
5U	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
5U	UG/L	O&P-XYLENE(MIXED)	

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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.

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2207 INORG SAMPLE NO.: MD 0
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100U	UG/L	ACROLEIN	34210
100U	UG/L	ACRYLONITRILE	34215
5U	UG/L	CHLOROMETHANE	34418
5U	UG/L	BROMOMETHANE	34413
5U	UG/L	VINYL CHLORIDE	39175
5U	UG/L	CHLOROETHANE	34311
5U	UG/L	METHYLENE CHLORIDE	34423
5U	UG/L	1,1-DICHLOROETHENE	34501
5U	UG/L	1,1-dichloroethane	34496
5U	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5U	UG/L	CHLOROFORM	32106
5U	UG/L	1,2-dichloroethane	32103
5U	UG/L	1,1,1-trichloroethane	34506
5U	UG/L	CARBON TETRACHLORIDE	32102
5U	UG/L	BROMODICHLOROMETHANE	32101
5U	UG/L	1,2-DICHLOROPROPANE	34541
5U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
5U	UG/L	TRICHLOROETHENE	39180
5U	UG/L	BENZENE	34030
5U	UG/L	DIBROMOCHLOROMETHANE	34306
5U	UG/L	1,1,2-trichloroethane	34511
10U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5U	UG/L	BROMOFORM	32104
5U	UG/L	1,1,2,2-tetrachloroethane	34516
5U	UG/L	TETRACHLOROETHENE	34475
5U	UG/L	TOLUENE	34010
34	UG/L	CHLOROBENZENE	34301
5U	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
5U	UG/L	O&P-XYLENE(MIXED)	

****

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

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100000U	UG/L	ACROLEIN	34210
100000U	UG/L	ACRYLONITRILE	34215
5000U	UG/L	CHLOROMETHANE	34418
5000U	UG/L	BROMOMETHANE	34413
15000	UG/L	VINYL CHLORIDE	39175
5000U	UG/L	CHLOROETHANE	34311
31000	UG/L	METHYLENE CHLORIDE	34423
5000U	UG/L	1,1-DICHLOROETHENE	34501
5000U	UG/L	1,1-dichloroethane	34496
160000	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5000U	UG/L	CHLOROFORM	32106
5000U	UG/L	1,2-dichloroethane	32103
34000	UG/L	1,1,1-trichloroethane	34506
5000U	UG/L	CARBON TETRACHLORIDE	32102
5000U	UG/L	BROMODICHLOROMETHANE	32101
5000U	UG/L	1,2-DICHLOROPROPANE	34541
5000U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
85000	UG/L	TRICHLOROETHENE	39180
5000U	UG/L	BENZENE	34030
5000U	UG/L	DIBROMOCHLOROMETHANE	34306
5000U	UG/L	1,1,2-trichloroethane	34511
5000U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5000U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5000U	UG/L	BROMOFORM	32104
5000J	UG/L	1,1,2,2-tetrachloroethane	34516
82000	UG/L	TETRACHLOROETHENE	34475
9500	UG/L	TOLUENE	34010
2000J	UG/L	CHLOROBENZENE	34301
4000J	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
4000J	UG/L	O&P-XYLENE(MIXED)	

****

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

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

07/27/83

PURGEABLE ORGANICS ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: FAM
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB SAMPLE DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
100000U	UG/L	ACROLEIN	34210
100000U	UG/L	ACRYLONITRILE	34215
5000U	UG/L	CHLOROMETHANE	34418
5000U	UG/L	BROMOMETHANE	34413
15000	UG/L	VINYL CHLORIDE	39175
5000U	UG/L	CHLOROETHANE	34311
31000	UG/L	METHYLENE CHLORIDE	34423
5000U	UG/L	1,1-DICHLOROETHENE	34501
5000U	UG/L	1,1-dichloroethane	34496
160000	UG/L	TRANS-1,2-DICHLOROETHENE	34546
5000U	UG/L	CHLOROFORM	32106
5000U	UG/L	1,2-dichloroethane	32103
34000	UG/L	1,1,1-trichloroethane	34506
5000U	UG/L	CARBON TETRACHLORIDE	32102
5000U	UG/L	BROMODICHLOROMETHANE	32101
5000U	UG/L	1,2-DICHLOROPROPANE	34541
5000U	UG/L	TRANS-1,3-DICHLOROPROPENE	34699
85000	UG/L	TRICHLOROETHENE	39180
5000U	UG/L	BENZENE	34030
5000U	UG/L	DIBROMOCHLOROMETHANE	34306
5000U	UG/L	1,1,2-trichloroethane	34511
5000U	UG/L	CIS-1,3-DICHLOROPROPENE	34704
5000U	UG/L	2-CHLOROETHYLVINYL ETHER	34576
5000U	UG/L	BROMOFORM	32104
5000J	UG/L	1,1,2,2-tetrachloroethane	34516
82000	UG/L	TETRACHLOROETHENE	34475
9500	UG/L	TOLUENE	34010
2000J	UG/L	CHLOROBENZENE	34301
4000J	UG/L	ETHYL BENZENE	34371
NA	UG/L	M-XYLENE	
4000J	UG/L	O&P-XYLENE(MIXED)	

****

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

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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	ACETONE
200U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
5U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOROTRICHLOROMETHANE

****

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

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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
640	ACETONE
200U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
5U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOROTRICHLOROMETHANE

****

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

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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TSB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
920	ACETONE
200U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
100U	METHYL BUTYL KETONE
100U	METHYL ISOBUTYL KETONE
5U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5U	FLUOROTRICHLOROMETHANE
20JN	METHYLPROPANOL
8JN	METHYLPENTENE
30JN	METHYLCYCLOHEXANE
10JN	1 UNIDENTIFIED COMPOUND

****

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

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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LMMWRS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
3700	ACETONE
2000U	METHYL ETHYL KETONE
100U	CARBON DISULFIDE
1000U	METHYL BUTYL KETONE
1000U	METHYL ISOBUTYL KETONE
50U	STYRENE
100U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
50U	FLUOROTRICHLOROMETHANE

****

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

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

07/27/83 PURGEABLE ORGANICS ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: FAM

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
100000U	ACETONE
200000U	METHYL ETHYL KETONE
10000U	CARBON DISULFIDE
100000U	METHYL BUTYL KETONE
100000U	METHYL ISOBUTYL KETONE
5000J	STYRENE
10000U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
5000U	FLUOROTRICHLOROMETHANE

****

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 LIMIT OF DETECTION GIVEN.

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

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2160 INORG SAMPLE NO.: KD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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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.

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

RESULTS	UNITS	COMPOUND	STORET
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
40U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
60U	UG/L	BENZIDINE	39120
20U	UG/L	1,3-DICHLOROBENZENE	34566
20U	UG/L	1,4-DICHLOROBENZENE	34571
20U	UG/L	1,2-dichlorobenzene	34536
20U	UG/L	bis(2-chloroethyl) ether	34273
20U	UG/L	HEXACHLOROETHANE	34396
40U	UG/L	bis(2-chloroisopropyl) ether	34283
40U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
20U	UG/L	NITROBENZENE	34447
20U	UG/L	HEXACHLOROBUTADIENE	39702
20U	UG/L	1,2,4-trichlorobenzene	34551
20U	UG/L	NAPHTHALENE	34696
40U	UG/L	bis(2-chloroethoxy) methane	34278
20U	UG/L	ISOPHORONE	34408
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
20U	UG/L	2-chloronaphthalene	34581
20U	UG/L	ACENAPHTHYLENE	34200
20U	UG/L	ACENAPHTHENE	34205
20U	UG/L	DIMETHYL PHTHALATE	34341
40U	UG/L	2,4-dinitrotoluene	34611
40U	UG/L	2,6-dinitrotoluene	34626
20U	UG/L	4-chlorophenyl phenyl ether	34641
20U	UG/L	FLUORENE	34381
20U	UG/L	DIETHYL PHTHALATE	34336
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
20U	UG/L	HEXACHLOROBENZENE (HCB)	39700
20U	UG/L	4-bromophenyl phenyl ether	34636
20U	UG/L	PHENANTHRENE	34461
20U	UG/L	ANTHRACENE	34220
20U	UG/L	DI-N-BUTYLPHTHALATE	39110
20U	UG/L	FLUORANTHENE	34376
20U	UG/L	PYRENE	34469
20U	UG/L	BENZYL BUTYL PHTHALATE	34292
20U	UG/L	bis(2-ethylhexyl) phthalate	39100
40U	UG/L	BENZO(A)ANTHRACENE	34526
20U	UG/L	CHRYSENE	34320
40U	UG/L	3,3'-dichlorobenzidine	34631
20U	UG/L	DI-N-OCTYLPHTHALATE	34596
40U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
40U	UG/L	BENZO-A-PYRENE	34247
40U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
40U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
40U	UG/L	BENZO(GHI)PERYLENE	34521
20U	UG/L	2-chlorophenol	34586
40U	UG/L	2-nitrophenol	34591
20U	UG/L	PHENOL	34694
20U	UG/L	2,4-dimethylphenol	34606
20U	UG/L	2,4-dichlorophenol	34601
20U	UG/L	2,4,6-trichlorophenol	34621
40U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
100U	UG/L	2,4-dinitrophenol	34616
40U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
40U	UG/L	PENTACHLOROPHENOL	39032
200U	UG/L	4-nitrophenol	34646

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

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

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
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
40U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
80U	UG/L	BENZIDINE	39120
20U	UG/L	1,3-DICHLOROBENZENE	34566
20U	UG/L	1,4-DICHLOROBENZENE	34571
20U	UG/L	1,2-dichlorobenzene	34536
20U	UG/L	bis(2-chloroethyl) ether	34273
20U	UG/L	HEXACHLOROETHANE	34396
40U	UG/L	bis(2-chloroisopropyl) ether	34283
40U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
20U	UG/L	NITROBENZENE	34447
20U	UG/L	HEXACHLOROBUTADIENE	39702
20U	UG/L	1,2,4-trichlorobenzene	34551
20U	UG/L	NAPHTHALENE	34696
40U	UG/L	bis(2-chloroethoxy) methane	34278
20U	UG/L	ISOPHORONE	34408
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
20U	UG/L	2-chloronaphthalene	34581
20U	UG/L	ACENAPHTHYLENE	34200
20U	UG/L	ACENAPHTHENE	34205
20U	UG/L	DIMETHYL PHTHALATE	34341
40U	UG/L	2,4-dinitrotoluene	34611
40U	UG/L	2,6-dinitrotoluene	34626
20U	UG/L	4-chlorophenyl phenyl ether	34641
20U	UG/L	FLUORENE	34381
20U	UG/L	DIETHYL PHTHALATE	34336
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
20U	UG/L	HEXACHLOROBENZENE (HCB)	39700
20U	UG/L	4-bromophenyl phenyl ether	34636
20U	UG/L	PHENANTHRENE	34461
20U	UG/L	ANTHRACENE	34220
20U	UG/L	DI-N-BUTYLPHTHALATE	39110
20U	UG/L	FLUORANTHENE	34376
20U	UG/L	PYRENE	34469
20U	UG/L	BENZYL BUTYL PHTHALATE	34292
20U	UG/L	bis(2-ethylhexyl) phthalate	39100
40U	UG/L	BENZO(A)ANTHRACENE	34526
20U	UG/L	CHRYSENE	34320
40U	UG/L	3,3'-dichlorobenzidine	34631
20U	UG/L	DI-N-OCTYLPHTHALATE	34596
40U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
40U	UG/L	BENZO-A-PYRENE	34247
40U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
40U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
40U	UG/L	BENZO(GHI)PERYLENE	34521
20U	UG/L	2-chlorophenol	34586
40U	UG/L	2-nitrophenol	34591
20U	UG/L	PHENOL	34694
20U	UG/L	2,4-dimethylphenol	34606
20U	UG/L	2,4-dichlorophenol	34601
20U	UG/L	2,4,6-trichlorophenol	34621
40U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
100U	UG/L	2,4-dinitrophenol	34616
40U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
40U	UG/L	PENTACHLOROPHENOL	39032
200U	UG/L	4-nitrophenol	34646

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

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMARS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *I-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
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
40U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
60U	UG/L	BENZIDINE	39120
20U	UG/L	1,3-DICHLOROBENZENE	34566
20U	UG/L	1,4-DICHLOROBENZENE	34571
20U	UG/L	1,2-dichlorobenzene	34536
20U	UG/L	bis(2-chloroethyl) ether	34273
20U	UG/L	HEXACHLOROETHANE	34396
40U	UG/L	bis(2-chloroisopropyl) ether	34283
40U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
20U	UG/L	NITROBENZENE	34447
20U	UG/L	HEXACHLOROBUTADIENE	39702
20U	UG/L	1,2,4-trichlorobenzene	34551
20U	UG/L	NAPHTHALENE	34696
40U	UG/L	bis(2-chloroethoxy) methane	34278
20U	UG/L	ISOPHORONE	34408
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
20U	UG/L	2-chloronaphthalene	34581
20U	UG/L	ACENAPHTHYLENE	34200
20U	UG/L	ACENAPHTHENE	34205
20U	UG/L	DIMETHYL PHTHALATE	34341
40U	UG/L	2,4-dinitrotoluene	34611
40U	UG/L	2,6-dinitrotoluene	34626
20U	UG/L	4-chlorophenyl phenyl ether	34641
20U	UG/L	FLUORENE	34381
20U	UG/L	DIETHYL PHTHALATE	34336
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
20U	UG/L	HEXACHLOROBENZENE (HCB)	39700
20U	UG/L	4-bromophenyl phenyl ether	34636
20U	UG/L	PHENANTHRENE	34461
20U	UG/L	ANTHRACENE	34220
20U	UG/L	DI-N-BUTYLPHTHALATE	39110
20U	UG/L	FLUORANTHENE	34376
20U	UG/L	PYRENE	34469
20U	UG/L	BENZYL BUTYL PHTHALATE	34292
20U	UG/L	bis(2-ethylhexyl) phthalate	39100
40U	UG/L	BENZO(A)ANTHRACENE	34526
20U	UG/L	CHRYSENE	34320
40U	UG/L	3,3'-dichlorobenzidine	34631
20U	UG/L	DI-N-OCTYLPHTHALATE	34596
40U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
40U	UG/L	BENZO-A-PYRENE	34247
40U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
40U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
40U	UG/L	BENZO(GHI)PERYLENE	34521
20U	UG/L	2-chlorophenol	34586
40U	UG/L	2-nitrophenol	34591
20U	UG/L	PHENOL	34694
20U	UG/L	2,4-dimethylphenol	34606
20U	UG/L	2,4-dichlorophenol	34601
20U	UG/L	2,4,6-trichlorophenol	34621
40U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
100U	UG/L	2,4-dinitrophenol	34616
40U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
40U	UG/L	PENTACHLOROPHENOL	39032
200U	UG/L	4-nitrophenol	34646

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

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMWRS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

****

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
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
4000U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
8000U	UG/L	BENZIDINE	39120
2000U	UG/L	1,3-DICHLOROBENZENE	34566
2000U	UG/L	1,4-DICHLOROBENZENE	34571
2000U	UG/L	1,2-dichlorobenzene	34536
2000U	UG/L	bis(2-chloroethyl) ether	34273
2000U	UG/L	HEXACHLOROETHANE	34396
4000U	UG/L	bis(2-chloroisopropyl) ether	34283
4000U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
2000U	UG/L	NITROBENZENE	34447
2000U	UG/L	HEXACHLOROBUTADIENE	39702
2000U	UG/L	1,2,4-trichlorobenzene	34551
2000U	UG/L	NAPHTHALENE	34696
4000U	UG/L	bis(2-chloroethoxy) methane	34278
2000U	UG/L	ISOPHORONE	34408
2000U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
2000U	UG/L	2-chloronaphthalene	34581
2000U	UG/L	ACENAPHTHYLENE	34200
2000U	UG/L	ACENAPHTHENE	34205
2000U	UG/L	DIMETHYL PHTHALATE	34341
4000U	UG/L	2,4-dinitrotoluene	34611
4000U	UG/L	2,6-dinitrotoluene	34626
2000U	UG/L	4-chlorophenyl phenyl ether	34641
2000U	UG/L	FLUORENE	34381
2000U	UG/L	DIETHYL PHTHALATE	34336
2000U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
2000U	UG/L	HEXACHLOROBENZENE (HCB)	39700
2000U	UG/L	4-bromophenyl phenyl ether	34636
2000U	UG/L	PHENANTHRENE	34461
2000U	UG/L	ANTHRACENE	34220
2000U	UG/L	DI-N-BUTYLPHTHALATE	39110
2000U	UG/L	FLUORANTHENE	34376
2000U	UG/L	PYRENE	34469
2000U	UG/L	BENZYL BUTYL PHTHALATE	34292
2600	UG/L	bis(2-ethylhexyl) phthalate	39100
4000U	UG/L	BENZO(A)ANTHRACENE	34526
2000U	UG/L	CHRYSENE	34320
4000U	UG/L	3,3'-dichlorobenzidine	34631
2000U	UG/L	DI-N-OCTYLPHTHALATE	34596
4000U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
4000U	UG/L	BENZO-A-PYRENE	34247
4000U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
4000U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
4000U	UG/L	BENZO(GHI)PERYLENE	34521
1000U	UG/L	2-chlorophenol	34586
2000U	UG/L	2-nitrophenol	34591
1000U	UG/L	PHENOL	34694
1000U	UG/L	2,4-dimethylphenol	34606
1000U	UG/L	2,4-dichlorophenol	34601
1000U	UG/L	2,4,6-trichlorophenol	34621
2000U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
5000U	UG/L	2,4-dinitrophenol	34616
2000U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
2000U	UG/L	PENTACHLOROPHENOL	39032
10000U	UG/L	4-nitrophenol	34646

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

07/27/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: JMS
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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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
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
80U	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
160U	UG/L	BENZIDINE	39120
40U	UG/L	1,3-DICHLOROBENZENE	34566
40U	UG/L	1,4-DICHLOROBENZENE	34571
40U	UG/L	1,2-dichlorobenzene	34536
40U	UG/L	bis(2-chloroethyl) ether	34273
40U	UG/L	HEXACHLOROETHANE	34396
80U	UG/L	bis(2-chloroisopropyl) ether	34283
80U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
40U	UG/L	NITROBENZENE	34447
40U	UG/L	HEXACHLOROBUTADIENE	39702
40U	UG/L	1,2,4-trichlorobenzene	34551
130	UG/L	NAPHTHALENE	34696
80U	UG/L	bis(2-chloroethoxy) methane	34278
40U	UG/L	ISOPHORONE	34408
40U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
40U	UG/L	2-chloronaphthalene	34581
40U	UG/L	ACENAPHTHYLENE	34200
40U	UG/L	ACENAPHTHENE	34205
40U	UG/L	DIMETHYL PHTHALATE	34341
80U	UG/L	2,4-dinitrotoluene	34611
80U	UG/L	2,6-dinitrotoluene	34626
40U	UG/L	4-chlorophenyl phenyl ether	34641
40U	UG/L	FLUORENE	34381
40U	UG/L	DIETHYL PHTHALATE	34336
40U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
40U	UG/L	HEXACHLOROBENZENE (HCB)	39700
40U	UG/L	4-bromophenyl phenyl ether	34636
86	UG/L	PHENANTHRENE	34461
40U	UG/L	ANTHRACENE	34220
40U	UG/L	DI-N-BUTYLPHTHALATE	39110
20J	UG/L	FLUORANTHENE	34376
40U	UG/L	PYRENE	34469
40U	UG/L	BENZYL BUTYL PHTHALATE	34292
40U	UG/L	bis(2-ethylhexyl) phthalate	39100
80U	UG/L	BENZO(A)ANTHRACENE	34526
40U	UG/L	CHRYSENE	34320
60U	UG/L	3,3'-dichlorobenzidine	34631
40U	UG/L	DI-N-OCTYLPHTHALATE	34596
60U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
--	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
80U	UG/L	BENZO-A-PYRENE	34247
80U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
80U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
80U	UG/L	BENZO(GHI)PERYLENE	34521
20U	UG/L	2-chlorophenol	34586
40U	UG/L	2-nitrophenol	34591
240	UG/L	PHENOL	34694
78	UG/L	2,4-dimethylphenol	34606
20U	UG/L	2,4-dichlorophenol	34601
20U	UG/L	2,4,6-trichlorophenol	34621
40U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
100U	UG/L	2,4-dinitrophenol	34616
40U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
40U	UG/L	PENTACHLOROPHENOL	39032
200U	UG/L	4-nitrophenol	34646

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

07/25/83

EXTRACTABLE ORGANIC ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: 85-S5MW-R81-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN
SAMPLE REC'D: DATE/TIME 04/29/83 1017 REC'D BY: S DUTTON
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER, EXTRACTABLES &
REMARK: PEST.,OIL ANALYZED, VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

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
NA	UG/L	N-NITROSODIMETHYLAMINE	34438
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE	34346
NA	UG/L	BENZIDINE	39120
460000U	UG/L	1,3-DICHLOROBENZENE	34566
460000U	UG/L	1,4-DICHLOROBENZENE	34571
460000U	UG/L	1,2-DICHLOROBENZENE	34536
460000U	UG/L	BIS(2-CHLOROETHYL) ETHER	34273
460000U	UG/L	HEXACHLOROETHANE	34396
460000U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER	34283
460000U	UG/L	N-NITROSODI-N-PROPYLAMINE	34428
460000U	UG/L	NITROBENZENE	34447
460000U	UG/L	HEXACHLOROBUTADIENE	39702
460000U	UG/L	1,2,4-TRICHLOROBENZENE	34551
100000J	UG/L	NAPHTHALENE	34696
460000U	UG/L	BIS(2-CHLOROETHOXY) METHANE	34278
460000U	UG/L	ISOPHORONE	34408
460000U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)	34386
460000U	UG/L	2-CHLORONAPHTHALENE	34581
460000U	UG/L	ACENAPHTHYLENE	34200
460000U	UG/L	ACENAPHTHENE	34205
460000U	UG/L	DIMETHYL PHTHALATE	34341
460000U	UG/L	2,4-DINITROTOLUENE	34611
460000U	UG/L	2,6-DINITROTOLUENE	34626
460000U	UG/L	4-CHLOROPHENYL PHENYL ETHER	34641
460000U	UG/L	FLUORENE	34381
460000U	UG/L	DIETHYL PHTHALATE	34336
460000U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE	34433
460000U	UG/L	HEXACHLOROBENZENE (HCB)	39700
460000U	UG/L	4-BROMOPHENYL PHENYL ETHER	34636
70000J	UG/L	PHENANTHRENE	34461
460000U	UG/L	ANTHRACENE	34220
460000U	UG/L	DI-N-BUTYLPHTHALATE	39110
460000U	UG/L	FLUORANTHENE	34376
460000U	UG/L	PYRENE	34469
460000U	UG/L	BENZYL BUTYL PHTHALATE	34292
460000U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE	39100
460000U	UG/L	BENZO(A)ANTHRACENE	34526
460000U	UG/L	CHRYSENE	34320
460000U	UG/L	3,3'-DICHLOROBENZIDINE	34631
460000U	UG/L	DI-N-OCTYLPHTHALATE	34596
460000U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
460000U	UG/L	BENZO(B AND/OR K)FLUORANTHENE(TOTAL)	
460000U	UG/L	BENZO-A-PYRENE	34247
460000U	UG/L	INDENO (1,2,3-CD) PYRENE	34403
460000U	UG/L	DIBENZO(A,H)ANTHRACENE	34556
460000U	UG/L	BENZO(GHI)PERYLENE	34521
460000U	UG/L	2-CHLOROPHENOL	34586
460000U	UG/L	2-NITROPHENOL	34591
460000U	UG/L	PHENOL	34694
200000J	UG/L	2,4-DIMETHYLPHENOL	34606
460000U	UG/L	2,4-DICHLOROPHENOL	34601
460000U	UG/L	2,4,6-TRICHLOROPHENOL	34621
460000U	UG/L	4-CHLORO-3-METHYLPHENOL	34452
1900000U	UG/L	2,4-DINITROPHENOL	34616
1400000U	UG/L	2-METHYL-4,6-DINITROPHENOL	34657
1400000U	UG/L	PENTACHLOROPHENOL	39032
920000U	UG/L	4-NITROPHENOL	34646

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1412 INORG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
40U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
20U	DIBENZOFURAN
40U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
500JN	7 UNIDENTIFIED COMPOUNDS
80JN	C2 ALKYLBENZENE (2 ISOMERS)
60JN	C3 ALKYLBENZENE (2 ISOMERS)
30JN	C4 ALKYLBENZENE (2 ISOMERS)

****

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2427 SAMPLE TYPE: AMBWA

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CSRS1-01W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2133 INORG SAMPLE NO.: MD 125
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: RBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
40U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
20U	DIBENZOFURAN
40U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE

****

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

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1445 INORG SAMPLE NO.: MD 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
40U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
20U	DIBENZOFURAN
40U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
20JN	C2 ALKYLNAPHTHALENE
30JN	C3 ALKYLNAPHTHALENE
N	PETROLEUM PRODUCT

****

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2207 INORG SAMPLE NO.: MD 0
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
40U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
20U	DIBENZOFURAN
40U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
N	PETROLEUM PRODUCT

****

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
200U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
200U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
40U	BENZYL ALCOHOL
100U	4-CHLOROANILINE
20U	DIBENZOFURAN
40U	2-METHYL NAPHTHALENE
200U	2-NITROANILINE
200U	3-NITROANILINE
200U	4-NITROANILINE
90JN	C4 ALKYLBENZOIC ACID
40JN	PHOSPHORIC ACID TRIBUTYL ESTER
200JN	6 UNIDENTIFIED COMPOUNDS

****

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

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

07/27/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2430 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SARD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-LNMWRS1-06
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2161 INORG SAMPLE NO.: MD 161
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: JMS

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS IN: UG/L	COMPOUND NAME
10000U	BENZOIC ACID
1000U	2-METHYLPHENOL
1000U	4-METHYLPHENOL
10000U	2,4,5-TRICHLOROPHENOL
2000U	ANILINE
4000U	BENZYL ALCOHOL
10000U	4-CHLOROANILINE
2000U	DIBENZOFURAN
1900J	2-METHYL NAPHTHALENE
20000U	2-NITROANILINE
20000U	3-NITROANILINE
20000U	4-NITROANILINE
2000JN	1-METHYLNAPHTHALENE
5000JN	C2 ALKYLNAPHTHALENE (2 ISOMERS)
N	PETROLEUM PRODUCT

****

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

07/25/83 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMW-RS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN
SAMPLE REC'D: DATE,/TIME 04/29/83 1017 REC'D BY: S DUTTON
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER, EXTRACTABLES &
REMARK: PEST.,OIL ANALYZED. VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN:	UG/L	COMPOUND NAME
500000JN		C3 ALKYLBENZENE (4 ISOMERS)
500000JN		C4 ALKYLBENZENE (4 ISOMERS)
500000JN		C5 ALKYLBENZENE (2 ISOMERS)
500000JN		C2 ALKYLPHENOL (NOT 2,4 DIMETHYL)
500000JN		METHYLNAPHTHALENE
500000JN		C2 ALKYLNAPHTHALENE (3 ISOMERS)
500000JN		C3 ALKYLNAPHTHALENE (2 ISOMERS)
1E+06JN		PHOSPHORIC ACID, TRIBUTYL ESTER
500000JN		HEXADECANOIC ACID
500000JN		PHOSPHORIC ACID, TRIPHENYL ESTER
N		PETROLEUM PRODUCT

****

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-ESD,REG IV
ATHENS GEORGIA

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2431 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1412 INORG SAMPLE NO.: MD 183
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

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.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

28 03/1

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2429 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAO SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2160 INORG SAMPLE NO.: MD 160
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

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.
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2432 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-03
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 1445 INORG SAMPLE NO.: ND 180
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
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2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2434 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAO SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-04
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2207 INORG SAMPLE NO.: MD 0
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: IBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2428 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CFMWRS1-05
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: P FRANKLIN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2159 INORG SAMPLE NO.: MD 182
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4.4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	E DRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.002U	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2433 SAMPLE TYPE: MONWL

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMWRS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: CHH
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2162 INORG SAMPLE NO.: MD 162
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: CHH

REMARKS
DATA SUSPECT BASED ON QUALITY CONTROL--USE FOR "SCREENING" ONLY!!

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

RESULTS	UNITS	COMPOUND	STORET
0.1U	UG/L	ALDRIN	39330
0.1U	UG/L	HEPTACHLOR	39410
0.1U	UG/L	HEPTACHLOR EPOXIDE	39420
0.1U	UG/L	ALPHA-BHC	39337
0.1U	UG/L	BETA-BHC	39338
0.1U	UG/L	GAMMA-BHC (LINDANE)	39340
0.1U	UG/L	DELTA-BHC	34259
0.1U	UG/L	ENDOSULFAN I (ALPHA)	34361
0.1U	UG/L	DIELDRIN	39380
0.1U	UG/L	4,4'-DDT (P,P'-DDT)	39300
0.1U	UG/L	4,4'-DDE (P,P'-DDE)	39320
0.1U	UG/L	4,4'-DDD (P,P'-DDD)	39310
0.1U	UG/L	ENDRIN	39390
0.1U	UG/L	ENDOSULFAN II (BETA)	34356
0.1U	UG/L	ENDOSULFAN SULFATE	34351
0.1U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
0.1U	UG/L	PCB-1242 (Aroclor 1242)	39496
0.1U	UG/L	PCB-1254 (Aroclor 1254)	39504
0.1U	UG/L	PCB-1221 (Aroclor 1221)	39488
0.1U	UG/L	PCB-1232 (Aroclor 1232)	39492
0.1U	UG/L	PCB-1248 (Aroclor 1248)	39500
0.1U	UG/L	PCB-1260 (Aroclor 1260)	39508
0.1U	UG/L	PCB-1016 (Aroclor 1016)	34671
0.1U	UG/L	TOXAPHENE	39400
0.1U	UG/L	ENDRIN ALDEHYDE	34366
0.0020	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
NA	UG/L	METHOXYCHLOR	39480

****

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.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/27/83 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2406 SAMPLE TYPE: MONWL

PROJECT NO.: 83-1400 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-SSMW-RS1-07
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/28/83 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R FRANKLIN RECEIVED FROM: R FRANKLIN
SAMPLE REC'D: DATE/TIME 04/29/83 1017 REC'D BY: S DUTTON
SEALED: YES

CHEMIST: HLR
ANALYTICAL METHOD:

REMARK: SAMPLE A MIXTURE OF OIL & WATER. EXTRACTABLES &
REMARK: PEST.,OIL ANALYZED. VOA & METALS, WATER ANALYZED.

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: HLR

REMARKS

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

RESULTS	UNITS	COMPOUND	STORET
5000U	UG/L	ALDRIN	39330
5000U	UG/L	HEPTACHLOR	39410
5000U	UG/L	HEPTACHLOR EPOXIDE	39420
5000U	UG/L	ALPHA-BHC	39337
5000U	UG/L	BETA-BHC	39338
5000U	UG/L	GAMMA-BHC (LINDANE)	39340
5000U	UG/L	DELTA-BHC	34259
2000U	UG/L	ENDOSULFAN I (ALPHA)	34361
2000U	UG/L	DIELDRIN	39380
4000U	UG/L	4,4'-DDT (P,P'-DDT)	39300
4000U	UG/L	4,4'-DDE (P,P'-DDE)	39320
4000U	UG/L	4,4'-DDD (P,P'-DDD)	39310
4000U	UG/L	ENDRIN	39390
4000U	UG/L	ENDOSULFAN II (BETA)	34356
6000U	UG/L	ENDOSULFAN SULFATE	34351
30000U	UG/L	CHLORDANE (TECH. MIXTURE) /1	39350
30000U	UG/L	PCB-1242 (Aroclor 1242)	39496
30000U	UG/L	PCB-1254 (Aroclor 1254)	39504
30000U	UG/L	PCB-1221 (Aroclor 1221)	39488
30000U	UG/L	PCB-1232 (Aroclor 1232)	39492
35000A	UG/L	PCB-1248 (Aroclor 1248)	39500
30000U	UG/L	PCB-1260 (Aroclor 1260)	39508
30000U	UG/L	PCB-1016 (Aroclor 1016)	34671
70000U	UG/L	TOXAPHENE	39400
6000U	UG/L	ENDRIN ALDEHYDE	34366
NA	UG/L	TCDD(DIOXIN)	34675
--	UG/L	CHLORDENE /2	77884
--	UG/L	ALPHA-CHLORDENE /2	
--	UG/L	GAMMA-CHLORDENE /2	
NA	UG/L	1-HYDROXYCHLORDENE	
--	UG/L	GAMMA-CHLORDANE /2	39810
--	UG/L	TRANS-NONACHLOR /2	39071
--	UG/L	ALPHA-CHLORDANE /2	39348
--	UG/L	CIS-NONACHLOR /2	39068
10000U	UG/L	METHOXYCHLOR	39480

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OF TECHNICAL CHLORDANE.

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2435 SAMPLE TYPE: LAB BLANK

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-PW-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2480 INORG SAMPLE NO.: MD 5
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
10U	UG/L	ARSENIC	01002
100U	UG/L	BORON	01022
100U	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
1U	UG/L	CADMIUM	01027
50U	UG/L	COBALT	01037
10U	UG/L	CHROMIUM	01034
50U	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
40U	UG/L	NICKEL	01067
10	UG/L	LEAD	01051
20U	UG/L	ANTIMONY	01097
2U	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
23	UG/L	THALLIUM	01059
200U	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
10U	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
132	UG/L	ALUMINUM	01105
10U	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.061	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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.

28 03/8

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

07/20/83

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2424 SAMPLE TYPE: LAB SPIKE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-P4-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 04/28/83

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

CHEMIST: MAW
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 0 INORG SAMPLE NO.: MD 6
CONTRACT LABORATORY(ORGANIC):
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

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

REMARKS

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

RESULTS	UNITS	ELEMENT	STORET
10U	UG/L	SILVER	01077
26	UG/L	ARSENIC	01002
100U	UG/L	BORON	01022
244	UG/L	BARIUM	01007
5U	UG/L	BERYLLIUM	01012
5.15	UG/L	CADMIUM	01027
67	UG/L	COBALT	01037
12	UG/L	CHROMIUM	01034
56	UG/L	COPPER	01042
NA	UG/L	MOLYBDENUM	01062
47	UG/L	NICKEL	01067
5U	UG/L	LEAD	01051
23	UG/L	ANTIMONY	01097
5	UG/L	SELENIUM	01147
20U	UG/L	TIN	01102
NA	UG/L	STRONTIUM	01082
NA	UG/L	TELLURIUM	01064
NA	UG/L	TITANIUM	01152
10U	UG/L	THALLIUM	01059
240	UG/L	VANADIUM	01087
NA	UG/L	YTTRIUM	01203
27	UG/L	ZINC	01092
NA	UG/L	ZIRCONIUM	01162
0.2U	UG/L	MERCURY	71900
100U	UG/L	ALUMINUM	01105
27	UG/L	MANGANESE	01055
NA	MG/L	CALCIUM	00916
NA	MG/L	MAGNESIUM	00927
0.05U	MG/L	IRON	74010
NA	MG/L	SODIUM	00929
NA	UG/L	CHROMIUM,HEXAVALENT	01032

****

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2435 SAMPLE TYPE: LAB BLANK

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SAAD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-PW-02
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: MAW CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 2480 INORG SAMPLE NO.: MD 5
CONTRACT LABORATORY(ORGANIC): MEAD TECHNOLOGY
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: TBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.01U	MG/L	CYANIDE	00720

****

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

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

07/20/83

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 83C2424 SAMPLE TYPE: LAB SPIKE

PROJECT NO.: 83-140 PROGRAM ELEMENT: NSF
SOURCE: SARD SITE
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-PW-01
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/27/83
SAMPLE COLLECTION: STOP DATE/TIME 04/28/83

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

CHEMIST: RPL CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1652 ORG SAMPLE NO: D 0 INORG SAMPLE NO.: MD 6
CONTRACT LABORATORY(ORGANIC):
CONTRACT LABORATORY(INORGANIC): CHEM TECH

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: IBB DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER	STORET
0.04	MG/L	CYANIDE	00720

****

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