32501.032
21.01.32.0002

UNITED STATES ENVIRONMENTAL PROTECTION

REGION IV

345 COURTLAND STREET. N.E
ATLANTA. GEORGIA 30365

N00204.AR.000724
NAS PENSACOLA
5090.3a

JUN 06 1994

4WD-FFB

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding Officer
Attn: Mr. Bill Hill - Code 1851
Southern Division
NAVFACENGCOM
P.O. Box 190010
North Charleston, South Carolina 29419-9010

SUBJ: Transmittal of Oversight Report for Operable Unit 10;
NAS Pensacola, Florida
EPA Site ID No.: FL 9170024567

Dear Mr. Hill:

The Environmental Protection Agency (EPA) is pleased to provide the Navy with a copy of the final report presenting the results of EPA's oversight work which was performed at Operable Unit (OU) 10: Industrial Wastewater Treatment Plant (IWTP) during April 1994. The purpose of this oversight work was to ensure the quality of the RI Report to be prepared and submitted by the Navy for OU 10.

Please contact me at (404) 347-3016 if you have any questions regarding the above issues or if I can be of further assistance.

Sincerely yours,

Allison D. Humphris

Allison D. Humphris
Remedial Project Manager
Department of Defense Remedial Section
Federal Facilities Branch

Enclosure

cc: Ron Joyner, NAS Pensacola
Eric Nuzie, FDEP
Henry Beiro, EnSafe

U. S. ENVIRONMENTAL PROTECTION AGE
REGION IV, ENVIRONMENTAL SERVICES DIT
ATHENS, GEORGIA 30605-2720,

32501.032
21.01.32.0003

MAY 31 1994

MEMORANDUM

SUBJECT: Final Report, OU 10 Surface Soil Data Gaps and Monitoring Well Sampling Evaluation, Naval Air Station Pensacola, Pensacola, Florida.
EPA ID. FL9 170 024 567
ESD Project No. 94-323

FROM: Fred Sloan
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

TO: Allison Drew, RPM
DOD Section
Federal Facilities Branch
Waste Management Division

THRU: William R. Bokey, Chief
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

The subject report is attached.

If you have any questions, please call me at (706) 546-3317.

Attachment

cc: Bokey/Cosgrove
Hartnett

SURFACE SOIL DATA GAPS AND MONITORING WELL SAMPLING PROCEDURES EVALUATION
N.A.S. PENSACOLA
PENSACOLA, FLORIDA

INTRODUCTION

As part of the US-EPA oversight of the remedial investigations at N.A.S. Pensacola (OU 10), ESD conducted a sampling procedures evaluation of some of the RI monitoring wells, and collected additional soil samples to address data gaps left during the Remedial Investigation (RI). The project leader was Fred Sloan, US-EPA, Region IV, ESD, assisted by Milton Henderson. The evaluation was requested by Allison Drew, the RPM for this facility.

STUDY OBJECTIVE

The objectives of this study were to determine if altering the sampling methods used by the Navy contractor could reduce the impact of turbidity upon groundwater samples, and to re-collect some of the surface soil samples.

SITE HISTORY

OU 10 consists of three sites (32, 33, 35) which were investigated as a single unit (the industrial wastewater treatment plant or IWTP) during the RI. Because of its proximity, the rubble disposal area (site 13) was also investigated during the OU 10 RI.

Many of the samples collected from the wells on base have excessive turbidity. To date, all wells have been sampled using bailers. Also, during the RI many of the surface soil samples collected at OU 10 were taken from 0" to 24", which is considered to be too great an interval for Risk Assessment by US-EPA Region IV.

METHODOLOGY

Monitoring wells were purged with peristaltic pumps, followed by sampling with a peristaltic pump/vacuum jug. Five wells were chosen based upon previous analytical results indicating high concentrations of heavy metals (generally lead or chromium).

Surface soil samples were biased in areas of suspected soil contamination, based upon previous sampling results, and were recollected from the same locations as nearly as possible. All soil samples were collected as grab samples. Fifteen soil samples were re-collected.

All sample numbers were begun with 32 to maintain consistency through the project. Where applicable, the corresponding station number assigned during the RI is given in the data summary tables immediately below the ESD number.

All samples were analyzed for the TAL\TCL at DQO Level IV, in accordance with the Analytical Support Branch Laboratory Operations and Quality Control Manual, September, 1990. All sampling, sample handling, chain of custody, field QA\QC, etc, was performed in accordance with the Environmental Compliance Branch Standard Operating Procedures and Quality Assurance Manual, (ECBSOPQAM), February 1, 1991.

RESULTS

Table 1 summarizes the analytical results for soil samples collected from the IWTP (Site 32). Table 2 summarizes the analytical results for soil samples collected from Site 13. Groundwater analytical results are summarized in Table 3. Table 4 provides a comparison between the Navys' data and US-EPA data for selected heavy metals in soil samples collected from Site 32 (no comparison table was prepared for Site 13 data, as this data generally yielded non-detects for comparable data). Table 5 compares the Navys' data and US-EPA data for selected heavy metals in groundwater samples collected at Site 32. Appendix A contains the analytical data summary sheets.

Soil

Analytical soil sample results indicate low concentrations of cadmium and lead are present in IWTP surficial soils, with somewhat higher concentrations of chromium (See Tables 1, and 4). No significant concentrations of metals were found in Site 13 (rubble and dredge spoil areas) surficial soils (Table 2). US-EPA pesticide results (Tables 1, and 2) indicate that widespread low-level concentrations of these compounds are not present in shallow surficial soils, nor are semivolatile compounds present to any great extent. The chlorinated volatile organic compound 1,2-dichloroethane was detected in all of the surface soil samples collected from the IWTP swale by US-EPA.

Groundwater

Analytical groundwater sample results show that lead was present in two Samples (32G07, 45 ug/l and 32G03, 5.3 ug/l). Chromium was detected in one sample (32GM66) at 370 ug/l, but was not detected in the remaining samples. Semi-volatile organic compounds were detected in one sample (32GM66), and volatile organic compounds were detected in two samples (32G15 and 32GM66).

CONCLUSIONS

A comparison of the analytical data for soil samples indicates generally good agreement US-EPA sampling and the Navy sampling. US-EPA Sampling results found generally fewer semi-volatile and pesticide compounds, but this may be due to the fact that US-EPA samples were collected over a much smaller interval. It should be noted, however, that US-EPA has

questioned past pesticide sampling results for the Navy sampling at this site. It is more pertinent to note that US-EPA consistently detected 1,2-dichloroethane in the soil samples collected from the swale draining the IWTP. Although the detected concentrations were low, the possibility exists that greater concentrations exist further beneath ground surface.

Groundwater sampling results show considerable improvement in the concentrations and extent of lead and chromium concentrations. Where the Navy previously reported lead in four of these five wells, US-EPA results indicate only two of the wells contain detectable lead concentrations. Likewise, where the Navy reported chromium present in all five wells, US-EPA reported chromium in only one.

RECOMMENDATIONS

It is recommended that two additional subsurface soil samples be collected from the swale, at the groundwater table. These should be grab samples collected from the swale itself, analyzed only for volatile organic compounds. The purpose is to ensure that previous sampling performed by the Navy did not overlook a potential source area.

It is also recommended that the Navy adopt the peristaltic pump/vacuum jug sampling procedure demonstrated by US-EPA at this facility. This should provide much more meaningful data on the concentrations of metals in groundwater at this site.

TABLE 1
ANALYTICAL DATA SUMMARY
IWTP SOIL SAMPLES
NAVAL AIR STATION PENSACOLA
PENSACOLA, FLORIDA

	32S06 (33S06) 03/08/94 0905	32S24 (33S24) 03/08/94 0925	32853 (33S53) 03/08/94 0940	32S54 (33S54) 03/08/94 0955	32S55 (33S55) 03/08/94 1020	32S32 (33S32) 03/08/94 1040	32S51 (33332) DUP. OF 32832	32S01 (33S01) 03/08/94 1100	32836 (33S36) 03/08/94 1115	32S39 (33S39) 03/08/94 1130
INORGANIC ELEMENTS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SILVER	--	3.5	1.4	--	--	12	14	8.2	13	4.3
BARIUM	9.6	37	5.9	2.3	--	53	58	25	41	18
CADMIUM	1.4	12	2.0	--	--	21	22	23	16	6.2
COBALT	--	1.1	--	--	--	1.3	1.4	1.4	1.1	--
CHROMIUM	50	580	33	5.3	3.8	680	780	910	600	240
COPPER	5.2	27	4.0	--	1.1	57	66	47	59	20
MOLYBDENUM	--	--	--	--	--	--	1.0	1.2	--	--
NICKEL	--	46	--	--	--	46	54	70	43	12
LEAD	28	39	14	--	--	57	66	46	56	34
STRONTIUM	34	47	1.2	--	--	16	19	14	7.6	10
TITANIUM	39	47	23	27	36	54	42	32	53	26
VANADIUM	3.2	4.9		--	--	7.4	6.7	5.7	6.0	2.3
YTTRIUM	--	1.6	--	--	--	1.9	1.8	1.3	1.5	--
ZINC	23	60	7.5	1.1	2.9	120	140	120	120	47
MERCURY	--	0.12	--	--	--	0.56	0.50	0.20	0.56	0.16
ALUMINUM	2300	4500	390	280	210	7000	6600	5700	6700	2300
MANGANESE	38	82	3.3	1.0	1.8	62	60	52	69	38
CALCIUM	10000	12000	130	--	80	3600	4200	2200	1200	1100
MAGNESIUM	150	620	21	--	11	590	440	160	150	83
IRON	1500	1900	360	93	82	2800	2600	1800	2400	1000
SODIUM	100	110	--	--	--	--	--	--	--	--
GENERAL INORGANIC PARAHETERS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CYANIDE	--	0.29	--	--	--	--		0.36	0.25	--
PESTICIDE/PCB COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
PCB-1260 (AROCLOR 1260)	--	--	--	--	--	560	250	160J	--	--
GAMMA-CHLORDANE /2	--	--	--	--	--	10	7.8	--	--	--
TRANS-NONACHLOR /2	--	--	--	--	--	7.0	5.3	--	--	--
EXTRACTABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	--	--	--	570J	--	--	--
PURGEABLE ORGANIC COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
1,2-DICHLOROETHANE	--	--	--	--	--	135	9.8J	205	7.8J	8.7J
TOLUENE			--	--	--	7.0J	--	--	7.1J	4.35
(M- AND/OR P-)XYLENE	--	--	--	--	--	7.4J	--		17J	--
Q-XYLENE		5.8J	--	--	--	--	--	--	--	

****
FOOTNOTES
J - ESTIMATED VALUE -- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 2
ANALYTICAL DATA SUMMARY
DREDGE SPOIL SAMPLE - SITE 13
NAVAL AIR STATION PENSACOLA
PENSACOLA, FLORIDA

	32S06 (13S06) 03/08/94 1220	32S61 (13S61) 03/08/94 1520	32S67 (13S67) 03/08/94 1420	32S68 (13S68) 03/08/94 1440	SLUDGE 2 03/08/94 1440	SLUDGE1 03/08/94 1535
INORGANIC ELEMENTS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BARIUM	--	--	--	--	5.8	--
CADMIUM	--	--	--	--	0.65	--
COBALT	--	--	--	--	1.2	--
CHROMIUM	--	1.2	1.0	1.8	28	3.6
COPPER	--	--	--	--	9.2	1.2
MOLYBDENUM	--	--	--	--	1.1	--
NICKEL	--	--	--	--	4.2	--
LEAD	--	--	--	--	17	--
STRONTIUM	23	--	--	--	16	1.2
TITANIUM	2.9	4.9	5.1	5.3	33	20
VANADIUM	--	--	--	--	12	1.8
YTTRIUM	--	--	--	--	2.9	--
ZINC	1.2	--	--	--	29	4.4
MERCURY	--	--	--	--	0.12	--
ALUMINUM	100	74	96	77	4100	540
MANGANESE	3.5	--	--	1.0	22	2.9
CALCIUM	4700	100	--	--	2600	130
MAGNESIUM	40	12	--	--	1000	110
IRON	150	69	81	100	4300	540
GENERAL INORGANIC PARAMETERS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
CYANIDE	--	--	--	--	--	--
PESTICIDE/PCB COMPOUNDS	--	--	--	--	--	--
EXTRACTABLE ORGANIC COMPOUNDS	--	--	--	--	--	--
PURGEABLE ORGANIC COMPOUNDS	--	--	--	--	--	--

****

FOOTNOTES
-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 3
ANALYTICAL DATA SUMMARY
GROUNDWATER SAMPLES
NAVAL AIR STATION PENSACOLA
PENMCOLA, FLORIDA

	32G07 03/09/94 1115	32615 03/09/94 1340	32603 03/09/94 1430	32GM66 03/09/94 1525	32G02 03/09/94 1530
INORGANIC ELEMENTS	UG/L	UG/L	UG/L	UG/L	UG/L
BARIUM	--	--	--	--	30
BERYLLILM	--	--	--	84	
CHROMIUM	--	--		370	--
LEAD	45	--	5.3	--	--
STRONTIUM	26	70	17	2200	190
VANADIUM	--	11	--	550	--
YTTRIUM	--	--	--	1300	--
ZINC	--	--	13	530	--
ALUMINUM	430	--	610	1000000	290
MANGANESE	--	--	10	2000	69
	MG/L	MG/L	MG/L	MG/L	MG/L
CALCIUM	7.2	5.9	3.3	240	54
MAGNESIUM	0.46	9.8	1.2	260	1.7
IRON	0.35	0.37	0.84	420	1.6
SODIUM	3.0	59	5.3	670	8.6
POTASSIUM	--	6.8	--	110	--
GENERAL INORGANIC PARAMETERS	UG/L	UG/L	UG/L	UG/L	UG/L
CYANIDE	--	--	--	--	--
PESTICIDE/PCB COMPOUNDS	--	--	--	--	--
EXTRACTABLE ORGANIC COMPOUNDS	UG/ L	UG/L	UG/L	UG/L	UG/L
2-METHYLNAPHTHALENE	--	--	--	5.05	--
NAPHTHALENE	--	--	--	53	--
ACENAPHTHENE	--	--	--	2.35	--
DIBENZOFURAN	--	--	--	1.4J	--
FLUORENE	--	--	--	1.75	--
2-METHYLPHENOL	--	--	--	5.65	--
(3-AND/OR 4-)METHYLPHENOL	--	--	--	1.25	--
2.4-DIMETHYLPHENOL	--	--	--	75	--
CARBAZOLE	--	--	--	1.4J	--
DIMETHYLPHENOL (NOT 2,4) (2 ISOMERS)	--	--	--	70JN	--
ETHYLOIMETHYLBENZENE	--	--	--	10JN	--
TRIMETHYLPHENOL	--	--	--	10JN	--
(DIMETHYLETHYL)PHENOL	--	--	--	20JN	--
1 UNIDENTIFIED COMPOUND	--	--	--	10J	--
PURGEABLE ORGANIC COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L
VINYL CHLORIDE	--	--	--	1305	NA
1,1-DICHLOROETHENE	--	--	--	210J	NA
1,1-DICHLOROETHANE	--	1.45	--	54	NA
CIS-1,2-DICHLOROETHENE	--	--	--	780	NA
TRANS-1,2-DICHLOROETHENE	--	--	--	4.95	NA
1,2-DICHLOROETHANE	--	--	--	1.25	NA
METHYL ISOBUTYL KETONE	--	--	--	3.05	NA
TRICHLOROETHENE	--	--		4800	NA
BENZENE		--	--	2.05	NA
TETRACHLOROETHENE	--	--	--	2.65	YA
TOLUENE	--	--	--	9.8	NA
CHLOROBENZENE	--	7.0	--	120J	MA
(M- AND/OR P-)XYLENE	--	--	--	4.95	NA
0-XYLENE	--	--	--	4.35	MA
O-CHLOROTOLUENE	--	--	--	2.45	NA
1,3-DICHLOROBENZENE	--	0.555	--	27	NA
1,4-DICHLOROBENZENE	--	1.2J	--	54	NA
1,2-DICHLOROBENZENE	--	1.55	--	74	NA
1,3,5-TRIMETHYLBENZENE	--	--	--	1.25	NA
1,2,4-TRIMETHYLBENZENE	--	--	--	6.1	NA
DICHLOROTRIFLUOROETHANE	--	--	--	20JN	NA

****

FOOTNOTES

NA - NOT ANALYZED N - PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED J - ESTIMATED VALUE

TABLE 4
ANALYTICAL DATA COMPARISON
SOIL SAMPLES
NAVAL AIR STATION PBNSACOLA
PENSACOLA, FLORIDA

Sample No.	Lead (EPA)	Lead (EnSafe)	Chromium (EPA)	Chromium (EnSafe)	Cadmium (EPA)	Cadmium (EnSafe)	Interval (EPA)	Interval (EnSafe)
32S06 (33)	28	15.6	50	1.8	1.4	--	0"-10"	0'-2'
32S24 (33)	39	183.0	580	--	12	--	0"-8"	0'-2'
32S53 (33)	14	21.0	33	105.0	2.0	16.9	0"-6"	0'-2'
32S54 (33)	--	3.1	5.3	19.0	--	1.3	0"-8"	0'-2'
32S55 (33)	--	2.5	3.8	21.1	--	4.5	0"-9"	0'-2'
32S32 (33)	57	54.7	680	935.0	21	31.2	0"-10"	0'-2'
32S01 (33)	46	12.5	910	289	22	6.8	0"-10"	0'-2'
32S36 (33)	56	25.0	600	80.1	23	3.5	2"-9"	0'-2'
32S39 (33)	34	101.0	240	1350.0	16	39.0	2"-12"	0'-2'
32S06 (13)	--	1.5	--	--	6.2	--	0"-8"	0'-2'
32S61 (13)	--	1.4	1.2	--	--	--	0"-8"	0'-2'
32S67 (13)	--	0.6	1.0	--	--	--	0"-10"	0'-2'
32S68 (13)	--	--	1.8	--	--	--	0"-9"	0'-2'

units are mg/kg
0 - Site No.
-- - Material Wae Analyzed For But Not Detected

TABLE 5
ANALYTICAL DATA COMPARISON
GROUNDWATER SAMPLES
NAVAL AIR STATION PENSACOLA
PENSACOLA, FLORIDA

Sample No.	Lead (EPA)	Lead (EnSafe)	Lead (EnSafe')	Chromium (EPA)	Chromium (EnSafe)	Chromium (EnSafe')	Cadmium (EPA)	Cadmium (EnSafe)	Cadmium (EnSafe')	Turbidity (EPA)
32607	45	18.2	13U	10U	28.7	6.0U	5.0U	5.W	5.w	5.0
32615	5.w	10.8	2.w	10U	35.6	6.2J	5.0U	5.W	5.0U	0.6
32603	5.3	14.3	2.w	10U	75.7	13.5	5.0U	5.w	5.0U	7.1
32GM66	5.0U	100U	NS	370	316	NS	50U	5.4	NS	-0.6'
32G02	5.0U	11.4	2.0U	10U	10.7	6.0U	5.0U	5.0U	5.0U	2.3

units are ug/l
' - Sample was filtered
' - One measurement only (interference)
NS - No Sample

APPENDIX A

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84219 SAMPLE TYPE: SOIL PROC ELEM: SSF COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32506 COLLECTION START: 03/08/94 0905 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
35u	CHLOROMETHANE
35u	VINYL CHLORIDE
35u	BROMOMETHANE
35u	CHLOROETHANE
35u	TRICHLOROFLUOROMETHANE
35u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
350U	ACETONE
87U	CARBON DISULFIDE
35U	METHYLENE CHLORIDE
35u	TRANS-1.2-DICHLOROETHENE
35u	1.1-DICHLOROETHANE
35u	CIS-1.2-DICHLOROETHENE
35u	2,2-DICHLOROPROPANE
350U	METHYL ETHYL KETONE
35b	BROMOCHLOROMETHANE
35u	CHLOROFORM
35u	1.1.1-TRICHLOROETHANE
35u	1.1-DICHLOROPROPENE
35u	CARBON TETRACHLORIDE
35u	1,2-DICHLOROETHANE
35u	BENZENE
35u	TRICHLOROETHENE(TRICHLOROETHYLENE)
35u	1.2-DICHLOROPROPANE
35u	DIBROMOMETHANE
35U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
35U	CIS-1.3-DICHLOROPROPCNC
87U	METHYL ISOBUTYL KETONE
35u	TOLUENE
35u	TRANS-1,3-DICHLOROPROPENE
35u	1.1.2-TRICHLOROETHANE
35u	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
35u	1.3-DICHLOROPROPANE
87U	METHYL BUTYL KETONE
35u	DIBROMOCHLOROMETHANE
35u	CHLOROBENZENE
35u	1.1.1.2-TETRACHLOROE HANE
35u	ETHYL BENZENE
35u	(M- AND/OR P-)XYLENE
35u	O-XYLENE
35u	STYRENE
35u	BROMOFORM
35u	BROMOBENZENE
35u	1.1.2.2-TETRACHLOROE HANE
35u	1.2.3-TRICHLOROPROPA E
35u	O-CHLOROTOLUENE
35u	P-CHLOROTOLUENE
35u	1.3-DICHLOROBENZENE
35u	1.4-DICHLOROBENZENE
35u	1.2-DICHLOROBENZENE
4.6	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 03/30/94

PROJECT NO. 94-0323 SAMPLE NO. 84219 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BV: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0905 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
1400U	(3-AND/OR 4-)METHYLPHENOL
1400U	1,2,4-TRICHLOROBENZENE
1400U	2,2'-CHLOROISOPROPYLETHER
1400U	2,3,4,6-TETRACHLOROPHENOL
1400U	2,4,5-TRICHLOROPHENOL
1400U	2,4,6-TRICHLOROPHENOL
1400U	2,4-DICHLOROPHENOL
1400U	2,4-DIMETHVLPHENOL
2800U	2,4-DINITROPHENOL
1400U	2,4-DINITROTOLUENE
1400U	2,6-DINITROTOLUENE
1400U	2-CHLORONAPHTHALENE
1400U	2-CHLOROPHENOL
2800U	2-METHYL-4,6-DINITROPHENOL
1400U	2-METHYLNAPHTHALENE
1400U	2-METHYLPHENOL
1400U	2-NITROANILINE
1400U	2-NITROPHENOL
1400U	3,3'-DICHLOROBENZIDINE
1400U	3-NITROANILINE
1400U	4-BRWPHENVL PHENVL ETHER
1400U	4-CHLORO-3-METHYLPHENOL
1400U	4-CHLOROANILINE
1400U	4-CHLOROPHENVL PHENVL ETHER
1400U	4-NITROANILINE
2800U	4-NITROPHENOL
1400U	ACENAPHTHENE
1400U	ACENAPHTHVLENE
1400U	ANTHRACENE
1400U	BENZO(A)ANTHRACENE
1400U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALVTICAL RESULTS
1400U	BENZO(GHI)PERYLENE
1400U	BENIO-A-PYRENE
1400U	BENZYL BUTVL PHTHALATE
1400U	BIS(2-CHLOROETHOXY) METHANE
1400U	BIS(2-CHLOROETHVL) ETHER
1400U	BIS(2-ETHYLHEXYL) PHTHALATE
1400U	CARBAZOLE
1400U	CHRVSENE
1400U	DI-N-BUTVLPHTHALATE
1400U	DI-N-OCTVLPHTHALATE
1400U	DIBENZO(A,H)ANTHRACENE
1400U	DIBENZOFURAN
1400U	DIETHYL PHTHALATE
1400U	DIMETHYL PHTHALATE
1400U	FLUORANTHENE
1400U	FLUORENE
1400U	HEXACHLOROBENZENE (HCB)
1400U	HEXACHLOROBUTADIENE
1400U	HEXACHLOROCVCLOPENTADIENE (HCCP)
1400U	HEXACHLOROETHANE
1400U	INDENO (1,2,3-CD) PVRENE
1400U	ISOPHORONE
1400U	N-NITROSODI-N-PROPYLAMINE
1400U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1400U	NAPHTHALENE
1400U	NITROBENZENE
2800U	PENTACHLOROPHENOL
1400U	PHENANTHRENE
1400U	PHENOL
1400U	PVRENE
4.6	PERCENT MOISTURE

4

REMARKS **REMARKS**

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

SAMPLE AND ANALYS[illegible]ANAGEMENT SYSTEM
EPA-REGION IV [illegible]. ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. **94-0323** SAMPLE NO. 84219 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROC ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0905 STOP: **00/00/00**

UG/KG	ANALYTICAL RESULTS
50U	ALOR[illegible]N
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4.4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200u	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
4.5	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALVSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84219 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BV: F SLOAN
CITY: PCNSACOLA ST: FL
COLLECTION START: 03/08/94 0905 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
0.21U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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 KNOW TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM OUANTITATION LIMIT.

SAMPLE ANALYSIS MANAGEMENT SYSTEM

04/[illegible]/94

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84219 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROC ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0905 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1 U	SILVER
3.0U	ARSENIC
NA	BORON
9.6	BARIUM
0.50U	BERYLLIUM
1.4	CADMIUM
1.0U	COBALT
50	CHROMIUM
5.2	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
28	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.0U	TIN
34	STRONTIUM
5.0U	TELLURIUM
39	TITANIUM
10U	THALLIUM
3.2	VANADIUM
1.0U	YTTRIUM
23	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
2300	ALUMINUM
38	MANGANESE

MG/KG	ANALYTICAL RESULTS
10000	CALCIUM
150	MAGNESIUM
1500	IRON
100	SODIUM
200U	POTASSIUM
4	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD. ATHENS, GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84220 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S24

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0925 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
42U	CHLOROMETHANE
42U	VINYL CHLORIDE
42U	BROMOMETHANE
42U	CHLOROETHANE
42U	TRICHLOROFLUOROMETHANE
42U	1.1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
420U	ACETONE
100U	CARBON DISULFIDE
42U	METHYLENE CHLORIDE
42U	TRANS-1.2-DICHLOROETHENE
42U	1.1-DICHLOROETHANE
42U	CIS-1,2-DICHLOROETHENE
42U	2,2-DICHLORPROPANE
420U	METHVL ETHYL KETONE
42U	BROMOCHLOROMETHANE
42U	CHLOROFORM
42U	1.1.1-TRICHLOROETHANE
42U	1.1-DICHLOROPROPENE
42U	CARBON TETRACHLORIDE
42U	1.2-DICHLOROETHANE
42U	BENZENE
42U	TRICHLOROETHENE(TRICHLOROETHYLENE)
42U	1.2-DICHLOROPROPANE
42U	DIBROMOMETHANE
42U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
42U	CIS-1.3-DICHLOROPROPCNC
100U	METHYL ISOBUTYL KETONE
42U	TOLUENE
42U	TRANS-1.3-DICHLOROPRPENE
42U	1.1.2-TRICHLOROETHANE
42U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
42U	1.3-DICHLOROPROPANE
100U	METHVL BUTYL KETONE
42U	DIBROMOCHLOROMETHANE
42U	CHLOROBENZENE
42U	1.1.1.2-TETRACHLOROETHANE
42U	ETHVL BENZENE
42U	(M- AND/OR P-)XYLENE
5.8J	O-XYLENE
42U	STVRENE
42U	BROMOFORM
42U	BROMOBENZENE
42U	1.1.2.2-TETRACHLOROETHANE
42U	1.2.3-TRICHLOROPROPANE
42U	O-CHLOROTOLUENE
42U	P-CHLOROTOLUENE
42U	1.3-DICHLOROBENZENE
42U	1.4-DICHLOROBENZENE
42U	1.2-DICHLOROBENZENE
7.8	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM OUANTITATION LIMIT.

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84220 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32524

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START; 03/08/94 0925 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1400U	(3-AND/OR 4-)METHYLPHENOL
1400U	1,2,4-TRICHLOROBENZENE
1400U	2,2'-CHLOROISOPROPYLETHER
1400U	2,3,4,6-TETRACHLOROPHENOL
1400U	2,4,5-TRICHLOROPHENOL
1400U	2,4,6-TRICHLOROPHENOL
1400U	2,4-DICHLOROPHENOL
1400U	2,4-DIMETHYLPHENOL
2 m u	2,4-DINITROPHENOL
1400U	2,4-DINITROTOLUENE
1400U	2,6-DINITROTOLUENE
1400U	2-CHLORONAPHTHALENE
1400U	2-CHLOROPHENOL
2 m u	2-METHYL-4,6-DINITROPHENOL
1400U	2-METHYLNAPHTHALENE
1400U	2-METHYLPHENOL
1400U	2-NITROANILINE
1400U	2-NITROPHENOL
1400U	3,3'-DICHLOROBENZIDINE
1400U	3-NITROANILINE
1400U	4-BROMOPHENYL PHENYL ETHER
1400U	4-CHLORO-3-METHYLPHENOL
1400U	4-CHLOROANILINE
1400U	4-CHLOROPHENYL PHENYL ETHER
1400U	4-NITROANILINE
2900U	4-NITROPHENOL
1400U	ACENAPHTHENE
1400U	ACENAPHTHYLENE
1400U	ANTHRACENE
1400U	BENZO(A)ANTHRACENE
1400U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1400U	BENZO(GHI)PERYLENE
1400U	BENZO-A-PYRENE
1400U	BENZYL BUTYL PHTHALATE
1400U	BIS(2-CHLOROETHOXY) METHANE
1400U	BIS(2-CHLOROETHYL) ETHER
1400U	BIS(2-ETHYLHEXYL) PHTHALATE
1400U	CARBAZOLE
1400U	CHRYSENE
1400U	DI-N-BUTYLPHTHALATE
1400U	DI-N-OCTYLPHTHALATE
1400U	DIBENZO(A,H)ANTHRACENE
1400U	DIBENZOFURAN
1400U	DIETHYL PHTHALATE
1400U	DIMETHYL PHTHALATE
1400U	FLUORANTHENE
1400U	FLUORENE
1400U	HEXACHLOROBENZENE (HCB)
1400U	HEXACHLOROBUTADIENE
1400U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1400U	HEXACHLOROETHANE
1400U	INDENO (1,2,3-CD) PYRENE
1400U	ISOPHORONE
1400U	N-NITROSODIPROPYLAMINE
1400U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1400U	NAPHTHALENE
1400U	[illegible]ZENE
2900U	[illegible]ROPHENOL
1400U	[illegible]RENE
1400U	PHENOL
1400U	PYRENE
7.0	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84220 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S24

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0925 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCD-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
7.8	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSI 'AGEMENT SYSTEM
€PA-REGION IV ATHENS, GA.

0 94

SPECIFIED ANALVSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84220 SAMPLE TYPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PCNSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32S24 COLLECTION START: 03/08/94 0925 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
0.29	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATE0 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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SAMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD. ATHENS. GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84220 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32524

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0925 STOP: 00/00/00

ANALYTICAL RESULTS

MG/KG	
3.5	SILVER
3 0U	ARSENIC
[illegible]	BORON
[illegible]	BARIUM
0.50U	BERYLLIUM
12	CADMIUM
1.1	COBALT
580	CHROMIUM
27	COPPER
1.0U	MOLYBDENUM
46	NICKEL
39	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
7.0U	TIN
47	STRONTIUM
5.0U	TELLURIUM
47	TITANIUM
10U	THALLIUM
4.9	VANADIUM
1 6	YTTRIUM
60	ZINC
NA	ZIRCONIUM
0.12	MERCURY
4500	ALUMINUM
82	MANGANESE

ANALYTICAL RESULTS

MG/KG	
12000	CALCIUM
620	MAGNESIUM
1900	IRON
110	SODIUM
200U	POTASSIUM
8	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSI[illegible] JAGEMENT SYSTEM
EPA-REGION IV [illegible] ATHENS, GA.

0[illegible] /94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84221 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S53

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0940 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
40U	CHLOROMETHANE
40U	VINYL CHLORIDE
40U	BROWMETHANE
40U	CHLOROETHANE
40U	TRICHLOROFLUOROMETHANE
40U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
400U	ACETONE
100U	CARBON DISULFIDE
40U	METHYLENE CHLORIDE
40U	TRANS-1.2-DICHLOROETHENE
40U	1.1-DICHLOROETHANE
40U	CIS-1.2-DICHLOROETHENE
40U	2.2-DICHLOROPROPANE
400U	METHYL ETHYL KETONE
40U	BROMOCHLOROMETHANE
40U	CHLOROFORM
40U	1.1.1-TRICHLOROETHANE
40U	1.1-DICHLOROPROPENE
40U	CARBON TETRACHLORIDE
40U	1.2-DICHLOROETHANE
40U	BENZENE
40U	TRICHLOROETHENE(TRICHLOROETHYLENE)
40U	1.2-DICHLOROPROPANE
40U	DIBROMOMETHANE
40U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
40U	CIS-1.3-DICHLOROPROPENE
100U	METHYL ISOBUTYL KETONE
40U	TOLUENE
40U	TRANS-1.3-DICHLOROPROPENE
40U	1.1.2-TRICHLOROETHANE
40U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
40U	1.3-DICHLOROPROPANE
100U	METHYL BUTYL KETONE
40U	DIBROMOCHLOROMETHANE
40U	CHLOROBENZENE
40U	1.1.1.2-TETRACHLOROETHANE
40U	ETHYL BENZENE
40U	(M- AND/OR P-)XYLENE
40U	O-XYLENE
40U	STYRENE
40U	BROMOFORM
40U	BROMOBENZENE
40U	1.1.2.2-TETRACHLOROETHANE
40U	1.2.3-TRICHLOROPROPANE
40U	O-CHLOROTOLUENE
40U	P-CHLOROTOLUENE
40U	1.3-DICHLOROBENZENE
40U	1.4-DICHLOROBENZENE
40U	1.2-DICHLOROBENZENE
4.8	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SVSTEY
EPA-REGION IV ESD. ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 03/30/94

PROJECT NO. 94-0323 SAMPLE NO. 84221 SAMPLE TYPE; SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S53

PROG LLEM: SSF COLLECTED BV: F SLOAN
CITV: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 0940 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1300U	(3-AND/OR 4-)METHYLPHENOL
1300U	1.2.4-TRICHLOROBENZENE
1300U	2.2'-CHLOROISOPROPVLETHER
1300U	2.3.4.6-TETRACHLOROPHENOL
1300U	2.4.5-TRICHLOROPHENOL
1300U	2.4.6-TRICHLOROPHENOL
1300U	2.4-DICHLOROPHENOL
1300U	2.4-DIMETHVLPHENOL
2700U	2.4-DINITROPHENOL
1300U	2.4-DINITROTOLUENE
1300U	2.6-DINITROTOLUENE
1300U	2-CHLORONAPHTHALENE
1300U	2-CHLOROPHENOL
2700U	2-METHYL-4.6-DINITROPHENOL
1300U	2-METHYLNAPHTHALENE
1300U	2-METHVLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	3.3'-DICHLOROBENZIDINE
1300U	3-NITROANILINE
1300U	4-BROMOPHENYL PHENYL ETHER
1300U	4-CHLORO-3-METHYLPHENOL
1300U	4-CHLOROANILINE
1300U	4-CHLOROPHENVL PHENYL ETHER
1300U	4-NITROANILINE
2700U	4-NITROPHENOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHVLENE
1300U	ANTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALVTICAL RESULTS
1300U	DENZO(GHI)PERYLENE
1300U	BENZO-A-PYRENE
1300U	BENZYL BUTVL PHTHALATE
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	BIS(2-CHLOROETHYL) ETHER
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	CARBAZOLE
1300U	CHRVSENE
1300U	DI-N-BUTYLPHTHALATE
1300U	DI-N-OCTYLPHTHALATE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	DIBENZOFURAN
1300U	DIETHVL PHTHALATE
1300U	DIMETHVL PHTHALATE
1300U	FLUORANTHENE
1300U	FLUORENE
1300U	HEXACHLOROBENZENE (HCB)
1300U	HEXACHLOROBUTADIENE
1300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1300U	HEXACHLOROETHANE
1300U	INDENO (1,2,3-CD) PVRENE
1300U	ISOPHORONE
1300U	N-NITROSODI-N-PROPYLAMINE
1300U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	NAPHTWAI FNF
1300U	NITROBENZENE
2700U	PENTACHLOROPHENOL
1300U	PHENANTHRENE
1300U	PHENOL
1300U	PVRENC
4.8	PERCENT MOISTURE

REMARKS **REMARKS**

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYS[illegible] MANAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT [illegible]/94

PROJECT NO. 94-0323 SAMPLE NO. 84221 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S53

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0940 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4.4'-DDE (P,P'-DDE)
50U	4.4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
5CU	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	FCO-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE
--	TRANS-NONACHLOR
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
4.8	PERCENT MOISTURE

REMARKS **REMARKS* **

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84221 SAMPLE TYPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32S53 COLLECTION START: 03/08/94 0940 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.21U	MG/KG	CYANIDE

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 QUANTITATION LIMIT.

SAMPLE AND ANALYSIS GEMENT SYSTEM
EPA-REGION IV ATHENS, GA.

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84221 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S53

PROG ELEM: SSF COLLECTED BY: FFSLOAN
CITY: PENSACOLA
COLLECTION START: 03/08/94 0940 STOP: 00/00/00

ANALVTICAL RESULTS

MG/KG	
1.a	SILVER
3.00	ARSENIC
NA	BORON
5.9	BARIUM
0.50U	BERYLLIUM
2.0	CADMIUM
1.0U	COBALT
33	CHROMIUM
4.0	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
14	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
5.5U	TIN
1.2	STRONTIUM
5.0U	TELLURIUM
23	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	YTTRIUM
7.5	ZINC
NA	ZIRCONIUM
0.05U	MERCURV
390	ALUMINUM
3.3	MANGANESE

ANALYTICAL RESULTS

MG/KG	
130	CALCIUM
21	MAGNESIUM
360	IRON
100U	SODIUM
200U	POTASSIUM
5	PERCENT MOISTURE

REMARKS

REMARKS

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

PURGEABLE ORGANICS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84222 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S54

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0955 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
41U	CHLOROMETHANE	41U	CIS-1.3-DICHLOROPROPCNC
41U	VINYL CHLORIDE	100U	METHYL ISOBUTYL KETONE
41U	BROMOMETHANE	41U	TOLUENE
41U	CHLOROETHANE	41U	TRANS-1,3-DICHLOROPROPENE
41U	TRICHLOROFLUOROMETHANE	41U	1,1,2-TRICHLOROETHANE
41U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLE:NE)	41U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
410U	ACETONE	41U	1.3-DICHLOROPROPANE
100U	CARBON DISULFIDE	100U	METHYL BUTYL KETONE
41U	METHYLENE CHLORIDE	41U	DIBROMOCHLOROMETHANE
41U	TRANS-1.2-DICHLOROETHENE	41U	CHLOROBENZENE
41U	1.1-DICHLOROETHANE	41U	1.1.1.2-TETRACHLOROETHANE
41U	CIS-1.2-DICHLOROETHENE	41U	ETHYL BENZENE
41U	2.2-DICHLOROPROPANE	41U	(M- AND/OR P-)XYLENE
41011	METHYL ETHYL KETONE	41U	O-XYLENE
41U	BROMOCHLOROMETHANE	41U	STYRENI
41U	CHLOROFORM	41U	BROMOFORM
41U	1,1,1-TRICHLOROETHANE	41U	BROMOBENZENE
41U	1,1-DICHLOROPROPENE	41U	1.1.2.2-TETRACHLOROETHANE
41U	CARBON TETRACHLORIDE	41U	1.2.3-TRICHLOROPROPANE
41U	1,2-DICHLOROETHANE	41U	O-CHLOROTOLUENE
41U	BENZENE	41U	P-CHLOROTOLUENE
41U	TRICHLOROETHENE(TRICHLOROETHYLENE)	41U	1.3-DICHLOROBENZENE
41U	1,2-DICHLOROPROPANE	41U	1.4-DICHLOROBENZENE
41U	DIBROMOMETHANE	41U	1.2-DICHLOROBENZENE
41U	BROMODICHLOROMETHANE	5.3	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *WAX-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 QUANTITATION LIMIT.

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84222 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32554

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0955 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1300U	(3-AND/OR 4-)METHYLPHENOL
1300U	1,2,4-TRICHLOROBENZENE
1300U	2,2'-CHLOROISOPROPYLETHER
13wu	2.3.4.6-TETRACHLOROPHENOL
1300U	2,4,5-TRICHLOROPHENOL
1300U	2.4.6-TRICHLOROPHENOL
1300U	2.4-DICHLOROPHENOL
1300U	2.4-DIMETHYLPHENOL
2700U	2.4-DINITROPHENOL
13wu	2.4-DINITROTOLUENE
1300U	2.6-DINITROTOLUENE
1300U	2-CHLORONAPHTHALENE
13wu	2-CHLOROPHENOL
2700U	2-METHYL-4.6-DINITROPHENOL
1300U	2-METHYLNAPHTHALENE
1300U	2-METHYLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	3.3'-DICHLOROBENZIDINE
1300U	3-NITROANILINE
13wu	4-BROMOPHENYL PHENYL ETHER
1300U	4-CHLORO-3-METHYLPHENOL
1300U	4-CHLOROANILINE
1300U	4-CHLOROPHENYL PHENYL ETHER
1300U	4-NITROANILINE
2700U	4-NITROPHENOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHYLENE
1300U	ANTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1300U	BENZO(GHI)PERYLENE
1300U	BENZO-A-PYRENE
1300U	BENZYL BUTYL PHTHALATE
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	BIS(2-CHLOROETHYL) ETHER
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	CARBAZOLE
1300U	CHRYSENE
1300U	DI-N-BUTYLPHTHALATE
1300U	DI-N-OCTYLPHTHALATE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	DIBENZOFURAN
1300U	DIETHYL PHTHALATE
1300U	DIMETHYL PHTHALATE
1300U	FLUORANTHENE
1300U	FLUORENE
1300U	HEXACHLOROBENZENE (HCB)
1300U	HEXACHLOROBUTADIENE
1300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1300U	HEXACHLOROETHANE
1300U	INDENO (1,2,3-CD) PYRENE
1300U	ISOPHORONE
1300U	N-NITROSODI-N-PROPYLAMINE
13wu	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	NAPHTHALENE
1300U	NITROBENZENE
2700U	PENTACHLOROPHENOL
1300U	PHENANTHRENE
1300U	PHENOL
1300U	PYRENE
5.3	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84222 SAMPLE TYPE:, SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S54

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0955 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCD-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AR
500U	PCB-1016 (AROCLOR 1060)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-WACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
5.3	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYS NAGEMENT SYSTEM
EPA-REGION IV , ATHENS, GA. ./94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84222 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S54

PROG ELEM: SSF COLLECTED BV: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0955 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
0.21U	MG/KG	CYANIDE

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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SAMPLE AM) ANALVSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 04/05/94

PROJECT NO. **94-0323** SAMPLE NO. 84222 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S54

PROG ELEM: SSF COLLECTED BY: F SLOAN
C ITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 0955 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
3.0U	ARSENIC
NA	BORON
2.3	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	COBALT
5.3	CHROMIUM
1.0U	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.0U	TIN
1.0U	STRONTIUM
5.0U	TELLURIUM
27	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	YTTRIUM
1.1	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
280	ALUMINUM
1.0	MANGANESE

MG/KG	ANALYTICAL RESULTS
50U	CALCIUM
10U	MAGNESIUM
93	IRON
100U	SODIUM
200U	POTASS IUM
5	PERCENT MOISTURE

REMARKS

REMARKS

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

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84223 SAMPLE TYPE: **SOIL**
SOURCE: NAS PENSACOLA
STATION ID: 32S55

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1020 STOP: **00/00/00**

UG/KG	ANALYTICAL RESULTS
37u	CHLOROMETHANE
37u	VINYL CHLORIDE
37u	BROMOMETHANE
37u	CHLOROETHANE
37u	TRICHLOROFLUOROMETHANE
37u	**1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)**
370U	ACETONE
92U	CARBON DISULFIDE
37u	METHYLENE CHLORIDE
37u	TRANS-1,2-DICHLOROETHENE
37u	1.1-DICHLOROETHANE
37u	CIS-1.2-DICHLOROETHENE
37u	2.2-DICHLOROPROPANE
370U	METHYL ETHYL KETONE
37u	BROMOCHLOROMETHANE
37u	CHLOROFORM
37u	1.1.1-TRICHLOROETHANE
37u	1.1-DICHLOROPROPENE
37u	CARBON TETRACHLORIDE
37u	1.2-DICHLOROETHANE
37u	BENZENE
37u	**TRICHLOROETHENE(TRICHLOROETHYLENE)**
37u	1,2-DICHLOROPROPANE
37u	DIBROMOMETHANE
37u	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
37u	CIS-1.3-DICHLOROPROPCNE
92U	METHYL ISOBUTYL KETONE
37u	TOLUENE
37u	**TRANS-1.3-DICHLOROPROPENE**
37u	1.1.2-TRICHLOROETHANE
37u	**TETRACHLOROETHENE(TETRACHLOROETHYLENE)**
37u	1.3-DICHLOROPROPANE
92U	METHYL BUTYL KETONE
37u	DIBROMOCHLOROMETHANE
37u	CHLOROBENZENE
37u	1.1.1.2-TETRACHLOROETHANE
37u	ETHYL BENZENE
37u	(M- AND/OR P-)XYLENE
37u	O-XYLENE
37u	STYRENE
37u	BROMOFORM
37u	BROMOBENZENE
37u	1.1.2.2-TETRACHLOROETHANE
37u	1.2.3-TRICHLOROPROPANE
37u	O-CHLOROTOLUENE
37u	P-CHLOROTOLUENE
37u	1.3-DICHLOROBENZENE
37u	1.4-DICHLOROBENZENE
37u	1.2-DICHLOROBENZENE
3.0	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/30/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84223 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S55

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1020 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1300U	(3-AND/OR 4-)METHYLPHENOL
1300U	1,2,4-TRICHLOROBENZENE
1300U	2,2'-CHLOROISOPROPYLETHER
1300U	2,3,4,6-TETRACHLOROPHENOL
1300U	2,4,5-TRICHLOROPHENOL
1300U	2,4,6-TRICHLOROPHENOL
1300U	2,4-DICHLOROPHENOL
1300U	2,4-DIMETHVLPHENOL
2600U	2,4-DINITROPHENOL
1300U	2,4-DINITROTOLUENE
1300U	2,6-DINITROTOLUENE
1300U	2-CHLORWAPHTHALENE
1300U	2-CHLOROPHENOL
2600U	2-METHYL-4,6-DINITROPHENOL
1300U	2-METHYLNAPHTHALENE
1300U	2-METHYLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	3,3'-DICHLOROBENZIDINE
1300U	3-NITROANILINE
1300U	4-BROMOPHENYL PHENYL ETHER
1300U	4-CHLORO-3-METHYLPHENOL
1300U	4-CHLOROANILINE
1300U	4-CHLOROPHENYL PHENYL ETHER
1300U	4-NITROANILINE
2600U	4-NITROPHENOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHVLENE
1300U	ANTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
300U	BENZO(GHI)PERYLENE
300U	BENZO-A-PYRENE
300U	BENZYL BUTVL PHTHALATE
300U	BIS(2-CHLOROETHOXY) METHANE
300U	BIS(2-CHLOROETHYL) ETHER
300U	BIS(2-ETHYLHEXYL) PHTHALATE
300U	CARBAZOLE
300U	CHRVSENE
300U	DI-N-BUTYLPHTHALATE
300U	DI-N-OCTYLPHTHALATE
300U	DIBENZO(A,H)ANTHRACENE
300U	DIBENZOFURAN
300U	DIETHYL PHTHALATE
300U	DIMETHYL PHTHALATE
300U	FLUORANTHENE
300U	FLUORENE
300U	HEXACHLOROBENZENE (HCB)
300U	HEXACHLOROBUTADIENE
300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
300U	HEXACHLOROETHANE
300U	INDENO (1,2,3-CD) PVRENE
300U	ISOPHORONE
300U	N-NITROSODI-N-PROPYLAMINE
300U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
300U	NAPHTHALENE
300U	NITROBENZENE
600U	PENTACHLOROPHENOL
300U	PHENANTHRENE
300U	PHENOL
300U	PYRENE
3.0	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSI[illegible] PGEMENT SYSTEM
EPA-REGION I V [illegible] ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84223 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32555

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1020 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCO-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
3.0	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84223 SAMPLE TYPE! SOIL
SOURCE: NAS PCNSACOLA
STATION ID: 32555

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1020 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.21U	MG/KG	CYANIDE

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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS [illegible] GEMENT SYSTEM
EPA-REGION IV ES[illegible] /HENS, GA.

METALS DATA REPORT 04[illegible]

PROJECT NO. 94-0323 SAMPLE N . 84223 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S55

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1020 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
3.0U	ARSENIC
NA	BORON
1.0U	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	
3.8	
1.1	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.5U	TIN
1.0U	STRONTIUM
5.0U	TELLURIUM
36	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	YTTRIUM
2.9	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
210	ALUMINUM
1.8	MANGANESE

MG/KG	ANALYTICAL RESULTS
80	CALCIUM
11	MAGNESIUM
82	IRON
100U	SODIUM
200U	POTASSIUM
3	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALVSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84224 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S32

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1040 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
42U	CHLOROMETHANC
42U	VINYL CHLORIDE
42U	BROMOMETHANE
42U	CHLOROETHANE
42U	TRICHLOROFLUOROMETHANE
42U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
420U	ACETONE
110U	CARBON DISULFIDE
42U	METHYLENE CHLORIDE
42U	TRANS-1,2-DICHLOROETHENE
42U	1,1-DICHLOROETHANE
42U	CIS-1,2-DICHLOROETHENE
42U	2.2-DICWLOROPROPANE
420U	THYL KETON
42U	OROMETHANE
42U	CHLOROFORM
42U	1.1.1-TRICHLOROETHANE
42U	1,1-DICHLOROPROPENE
42U	CARBON TETRACHLORIDE
13J	1.2-DICHLOROETHANE
42U	BENZENE
42U	TRICHLOROETHENE(TRICHLOROETHYLENE)
42U	1.2-DICHLOROPROPANE
42u	DIBROMOMETHANE
42U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
42U	CIS-1.3-DICHLOROPROPCNC
110U	METHYL ISOBUTYL KETONE
7.0J	TOLUENE
42U	TRANS-1.3-DICHLOROPROPENE
42U	1.1.2-TRICHLOROETHANE
42U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
42U	1.3-DICHLOROPROPANE
110U	METHVL BUTYL KETONE
42U	DIBROMOCHLOROMETHANE
42U	CHLOROBENZENE
42U	1.1.1.2-TETRACHLOROETHANE
42U	ETHYL BENZENE
7.4J	(M- AND/OR P-)XYLENE
42U	O-XYLENE
42U	STYRENE
42U	BROMOFORM
42U	BROMOBENZENE
42U	1.1.2.2-TETRACHLOROETHANE
42U	1.2.3-TRICHLOROPROPANE
42U	O-CHLOROTOLUENE
42U	P-CHLOROTOLUENE
42U	1.3-DICHLOROBENZENE
42U	1.4-DICHLOROBENZENE
42U	1.2-DICHLOROBENZENE
15.4	PERCENT MOISTURE

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

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84224 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S32

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1040 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1500U	(3-AND/OR 4-)METHYLPHENOL
1500U	1,2,4-TRICHLOROBENZENE
1500U	2,2'-CHLOROISOPROPYLETHER
1500U	2,3,4,6-TETRACHLOROPHENOL
1500U	2,4,5-TRICHLOROPHENOL
1500U	2,4,6-TRICHLOROPHENOL
1500U	2.4-DICHLOROPHENOL
1500U	2.4-DIMETHYLPHENOL
3100U	2.4-DINITROPHENOL
1500U	2.4-DINITROTOLUENE
1500U	2.6-DINITROTOLUENE
1500U	2-CHLORONAPHTHALENE
1500U	2-CHLOROPHENOL
3100U	2-METHYL-4,6-DINITROPHENOL
1500U	2-METHVLNAPHTHALENE
1500U	2-METHYLPHENOL
1500U	2-NITROANILINE
1500U	2-NITROPHENOL
1500U	3,3'-DICHLOROBENZIDINE
1500U	3-NITROANILINE
1500U	4-BROMOPHENYL PHENYL ETHER
1500U	4-CHLORO-3-METHYLPHENOL
1500U	4-CHLOROANILINE
1500U	4-CHLOROPHENYL PHENYL ETHER
1500U	4-NITROANILINE
3100U	4-NITROPHENOL
1500U	ACENAPHTHENE
1500U	ACENAPHTHYLENE
1500U	ANTHRACENE
1500U	BENZO(A)ANTHRACENE
1500U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1500U	BENZO(GHI)PERYLENE
1500U	BENZO-A-PYRENE
1500U	BENZYL BUTVL PHTHALATE
1500U	BIS(2-CHLOROETHOXY) METHANE
1500U	BIS(2-CHLOROETHYL) ETHER
1500U	BIS(2-ETHYLHEXYL) PHTHALATE
1500U	CARBAZOLE
1500U	CHRYSENE
1500U	DI-N-BUTYLPHTHALATE
1500U	DI-N-OCTYLPHTHALATE
1500U	DIBENZO(A,H)ANTHRACENE
1500U	DIBENZOFURAN
1500U	DIETHYL PHTHALATE
1500U	DIMETHYL PHTHALATE
1500U	FLUORANTHENE
1500U	FLUORENE
1500U	HEXACHLOROBENZENE (HCB)
1500U	HEXACHLOROBUTADIENE
1500U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1500U	HEXACHLOROETHANE
1500U	INDENO (1,2,3-CD) PYRENE
1500U	ISOPHORONE
1500U	N-NITROSODI-N-PROPYLAMINE
1500U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1500U	NAPHTHALENE
1500U	NITROBENZENE
3100U	PENTACHLOROPHENOL
1500U	PHENANTHRENE
1500U	PHENOL
1500U	PYRENE
15.4	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALVSIS MANAGEMENT SVSTEM
EPA-REGION I V ESD. ATHENS, GA.

04/05/94

PESTICIDES/PCB'S DATA REPORT

PRO CT NO. 94-0323 SAMPLE No. 84224 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S32

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1040 STOP· 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	8ETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
SOU	01ELDRI N
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
--	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
560	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
10U	CHLORDENE /2
19U	ALPHA-CHLORDENE /2
19U	BETA CHLORDENE /2
19U	GAMMA-CHLORDENE /2
10	MMA- ORDANE /2
7.0	ANS- ACHLOR /2
19U	PHA- ORDANE /2
19U	CIS-NONACHLOR /2
19U	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
15	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV LAB ATHENS, GA.

03/ /94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. **94-0323** SAMPLE **NO. 84224** SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION **ID: 32532**

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: **03/08/94** **1040** STOP: **00/00/00**

RESULTS	UNITS	PARAMETER
0.24U	MG/KG	CYANIDE

*****FOOTNOTES*****

***A-AVERAGE** VALUE ***NA-NOT** ANALYZED ***NAI-INTERFERENCES** *J-ESTIMATED VALUE ***N-PRESUMPT**IVE 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 **QUANTITATION LIMIT.**

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84224 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S32

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1040 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
12	SILVER
3.0U	ARSENIC
NA	BORON
53	BARIUM
0.50U	BERYLLIUM
21	CADMIUM
1.3	COBALT
680	CHROMIUM
57	COPPER
1.0U	MOLYBDENUM
46	NICKEL
57	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
12U	TIN
16	STRONTIUM
5.0U	TELLURIUM
54	TITANIUM
10U	THALLIUM
7.4	VANADIUM
1.9	YTTRIUM
120	ZINC
NA	ZIRCONIUM
0.56	MERCURY
7000	ALUMINUM
62	MANGANESE

MG/KG	ANALYTICAL RESULTS
3600	CALCIUM
590	MAGNESIUM
2800	IRON
100U	SODIUM
200U	POTASSIUM
16	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSI[illegible] AGEMENT SYSTEM
EPA-REGION IV [illegible] ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84225 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32551

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1050 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
55U	CHLOROMETHANE
55u	VINYL CHLORIDE
55u	BROMOMETHANE
55u	CHLOROETHANE
55u	TRICHLOROFLUOROMETHANE
55u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
550U	ACETONE
140U	CARBON DISULFIDE
55u	METHYLENE CHLORIDE
55u	TRANS-1,2-DICHLOROETHENE
55u	1,1-DICHLOROETHANE
55u	CIS-1,2-DICHLOROETHENE
55u	2.2-DICHLOROPROPANE
550U	METHYL ETHYL KETONE
55u	BROMOCHLOROMETHANE
55u	CHLOROFORM
55u	1,1,1-TRICHLOROETHANE
55u	1.1-DICHLOROPROPENE
55u	CARBON TETRACHLORIDE
9.8J	1,2-DICHLOROETHANE
55U	BENZENE
55u	TRICHLOROETHENE(TRICHLOROETHYLENE)
55u	1,2-DICHLOROPROPANE
55u	DIBROMOMETHANE
55U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
55U	CIS-1.3-DICHLOROPROPCNC
140U	METHYL ISOBUTYL KETONE
55u	TOLUENE
55u	TRANS-1.3-DICHLOROPROPENE
55u	1.1.2-TRICHLOROETHANE
55u	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
55u	1.3-DICHLOROPROPANE
140U	METHYL BUTYL KETONE
55u	DIBRWOCHLOROMETHANE
55u	CHLOROBENZENE
55u	1.1.1.2-TETRACHLOROETHANE
55u	ETHYL BENZENE
55u	(M- AND/OR P-)XYLENE
55u	O-XYLENE
55u	STYRENE-
55u	BROMOFORM
55u	BROMOBENZENE
55u	1.1.2.2-TETRACHLOROETHANE
55u	1.2.3-TRICHLOROPROPANE
55u	O-CHLOROTOLUENE
55u	P-CHLOROTOLUENE
55u	1.3-DICHLOROBENZENE
55u	1.4-DICHLOROBENZENE
55u	1.2-DICHLOROBENZENE
17.0	PERCENT MOISTURE

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

SAMPLE AND ANALVSIS MANAGEMENT SVSTEY
EPA-REGION IV ESD. ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT 03/30/94

PROJECT NO. 94-0323 SAMPLE NO. 84225 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32551

PROG ELEY: SSF COLLECTED BV: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1050 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
1500U	(3-AND/OR 4-)METHYLPHENOL
1500U	1,2,4-TRICHLOROBENZENE
1500U	2,2'-CHLOROISOPROPYLETHER
1500U	2,3,4,6-TETRACHLOROPHENOL
1500U	2,4,5-TRICHLOROPHENOL
1500U	2,4,6-TRICHLOROPHENOL
1500U	2.4-DICHLOROPHENOL
1500U	2,4-DIMETHYLPHENOL
3100U	2.4-DIN1TROPHENOL
1500U	2.4-DINITROTOLUENE
1500U	2.6-DINITROTOLUENE
1500U	2-CHLORONAPHTHALENE
1500U	2-CHLOROPHENOL
3100U	2-METHYL-4,6-DINITROPHENOL
1500U	2-METHYLNAPHTHALENE
1500U	2-METHYLPHENOL
1500U	2-NITROANILINE
1500U	2-NITROPHENOL
1500U	3,3'-DICHLOROBENZIDINE
1500U	3-NITROANILINE
1500U	4-BROMOPHENYL PHENVL ETHER
1500U	4-CHLORO-3-METHYLPHENOL
1500U	4-CHLOROANILINE
1500U	4-CHLOROPHENYL PHENYL ETHER
1500U	4-NITROANILINE
3100U	4-NITROPHENOL
1500U	ACENAPHTHENE
1500U	ACENAPHTHVLENE
1500U	ANTHRACENE
1500U	BENZO(A)ANTHRACENE
1500U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALVTICAL RESULTS
1500U	BENZO(GHI)PERYLENE
1500U	BENZO-A-PYRENE
1500U	BENZYL BUTYL PHTHALATE
1500U	BIS(2-CHLOROETHOXY) METHANE
1500U	BIS(2-CHLOROETHYL) ETHER
570J	BIS(2-ETHYLHEXYL) PHTHALATE
1500U	CARBAZOLE
1500U	CHRVSENE
1500U	DI-N-BUTYLPHTHALATE
1500U	DI-N-OCTYLPHTHALATE
1500U	DIBENZO(A,H)ANTHRACENE
1500U	DIBENZOFURAN
1500U	DIETHVL PHTHALATE
1500U	DIMETHVL PHTHALATE
1500U	FLUORANTHENE
1500U	FLUORENE
1500U	HEXACHLOROBENZENE (HCB)
1500U	HEKACHLOROBUTADIENE
1500U	HEXACHLOROCVCLOPENTADIENE (HCCP)
1500U	HEXACHLOROETHANE
1500U	INDENO (1,2,3-CD) PVRENJE
1500U	ISOPHORONE
1500U	N-NITROSODI-N-PROPYLAMINE
1500U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1500U	NAPHTHALENE
1500U	NITROBENZENE
3100U	PENTACHLOROPHENOL
1500U	PHENANTHRENE
1500U	PHENOL
1500U	PVRENE
17.0	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYS[illegible] \NAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS, GA. [illegible]/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84225 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32551

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1050 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENOOSULFAN [illegible] (ALPHA)
50U	DIELDRIN
SOU	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN [illegible] (BETA)
50U	ENDOSULFAN SULFATE
--	CHLORDANE (TECH. MIXTURE) /1
200u	PCB-1242 (AROCLOR 1242)
200u	PCB-1254 (AROCLOR 1254)
200u	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
200u	PCD-1232 (AROCLOR 1232)
200u	PCB-1248 (AROCLOR 1248)
250	PCB-1260 (AROCLOR 1260)
200U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
10U	CHLORDENE /2
19U	ALPHA-CHLORDENE /2
19U	BETA CHLORDENE /2
19U	GAMMA-CHLORDENE /2
7.8	GAMMA-CHLORDANE /2
5.3	TRANS-NONACHLOR /2
19U	ALPHA-CHLORDANE /2
19U	CIS-NONACHLOR /2
19U	OXVCHLORDANE (OC1ACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDR[illegible]N KETONE
17	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84225 SAMPLE TYPE: SOIL
SOURCE: NAS PCNSACOLA
STATION ID: 32551

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PCNSACOLA ST: FL
COLLECTION START: 03/08/94 1050 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.24U	MG/KG	CYANIDE

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 QUANTITATION LIMIT.

SAMPLE AND ANALYSI[illegible] [illegible]GEMENT SYSTEM
EPA-REGION IV E[illegible] [illegible]THENS, GA.

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84225 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S51

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1050 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
14	SILVER
3.0U	ARSENIC
NA	BORON
58	BARIUM
0.50U	BERYLLIUM
22	CADMIUM
1.4	COBALT
780	CHROMIUM
66	COPPER
1.0	MOLYBDENUM
54	NICKEL
66	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
13U	TIN
19	STRONTIUM
5.0U	TELLURIUM
42	TITANIUM
10U	THALLIUM
6.7	VANADIUM
1.8	YTTRIUM
140	ZINC
NA	ZIRCONIUM
0.50	MERCURY
6600	ALUMINUM
60	MANGANESE

MG/KG	ANALYTICAL RESULTS
4200	CALCIUM
440	MAGNESIUM
2600	IRON
100U	SODIUM
200U	POTASSIUM
17	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE- VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84226 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S01

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1100 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
53U	CHLOROMETHANE
53u	VINYL CHLORIDE
53u	BROMOMETHANE
53U	CHLOROETHANE
53u	TRICHLOROFLUOROMETHANE
53u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
530U	ACETONE
130U	CARBON DISULFIDE
53u	METHYLENE CHLORIDE
53u	TRANS-1.2-DICHLOROETHENE
53u	1.1-DICHLOROETHANE
53u	CIS-1,2-DICHLOROETHENE
53u	2,2-DICHLOROPROPANE
530U	METHYL ETHYL KETONE
53u	BROMOCHLOROMETHANE
53u	CHLOROFORM
53u	1.1.1-TRICHLOROETHANE
53u	1,1-DICHLOROPROPENE
53u	CARBON TETRACHLORIDE
205	1.2-DICHLOROETHANE
53u	BENZENE
53u	TRICHLOROETHENE(TRICHLOROETHYLENE)
53U	1.2-DICHLOROPROPANE
53u	DIBROMOMETHANE
53U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
53u	CIS-1.3-DICHLOROPROPCNC
130U	METHYL ISOBUTYL KETONE
53u	TOLUENE
53u	TRANS-1,3-DICHLOROPROPENE
53u	1,1,2-TRICHLOROETHANE
53u	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
53u	1,3-DICHLOROPROPANE
130U	METHYL BUTYL KETONE
53u	DIBROMOCHLOROMETHANE
53u	CHLOROBENZENE
53u	1,1,1,2-TETRACHLOROETHANE
53u	ETHYL BENZENE
53U	(M- AND/OR P-)XYLENE
53u	O-XYLENE
53u	STYRENE
53u	BROMOFORM
53u	BROMOBENZENE
53u	1,1.2,2-TETRACHLOROETHIANE
53u	1,2,3-TRICHLOROPROPANE
53u	O-CHLOROTOLUENE
53u	P-CHLOROTOLUENE
53u	1,3-DICHLOROBENZENE
53u	1,4-DICHLOROBENZENE
53u	1,2-DICHLOROBENZENE
22.0	PERCENT MOISTURE

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

SAMPLE AND ANALYS[illegible]AGEMENT SYSTEM
EPA-REGION I V ATHENS, GA.

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84226 SAMPLE TYPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32S01 COLLECTION START: 03/08/94 1100 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1700U	(3-AND/OR 4-)METHYLPHENOL
1700U	1,2,4-TRICHLOROBENZENE
1700U	2.2'-CHLOROISOPROPYLETHER
1700U	2.3.4.6-TETRACHLOROPHENOL
1700U	2,4,5-TRICHLOROPHENOL
1700U	2.4.6-TRICHLOROPHENOL
1700U	2.4-DICHLOROPHENOL
1700U	2.4-DIMETHYLPHENOL
3300U	2.4-DINITROPHENOL
1700U	2.4-DINITROTOLUENE
1700U	2.6-DINITROTOLUENE
1700U	2-CHLORONAPHTHALENE
1700U	2-CHLOROPHENOL
3300U	2-METHYL-4.6-DINITROPHENOL
1700U	2-METHYLNAPHTHALENE
1700U	2-METHYLPHENOL
1700U	2-NITROANILINE
1700U	2-NITROPHENOL
1700U	3,3'-DICHLOROBENZIDINE
17wu	3-NITROANILINE
1700U	4-BROMOPHENYL PHENYL ETHER
1700U	4-CHLORO-3-METHYLPHENOL
1700U	4-CHLOROANILINE
1700U	4-CHLOROPHENYL PHENYL ETHER
1700U	4-NITROANILINE
3300U	4-NITROPHENOL
1700U	ACENAPHTHENE
1700U	ACEUAPHTHYLENE
1700U	ANTHRACENE
1700U	BENZO(A)ANTHRACENE
1700U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1700U	BENZO(GHI)PERYLENE
1700U	BENZO-A-PYRENE
1700U	BENZYL BUTYL PHTHALATE
1700U	BIS(2-CHLOROETHOXY) METHANE
1700U	BIS(2-CHLOROETHYL) ETHER
1700U	BIS(2-ETHYLHEXYL) PHTHALATE
1700U	CARBAZOLE
1700U	CHRYSENE
1700U	DI-N-BUTYLPHTHALATE
1700U	DI-N-OCTYLPHTHALATE
1700U	DIBENZO(A,H)ANTHRACENE
1700U	DIBENZOFURAN
1700U	DIETHYL PHTHALATE
1700U	DIMETHYL PHTHALATE
1700U	FLUORANTHENE
1700U	FLUORENE
1700U	HEXACHLOROBENZENE (HCB)
1700U	HEXACHLOROBUTADIENE
1700U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1700U	HEXACHLOROETHANE
1700U	INDENO (1,2,3-CD) PYRENE
1700U	ISOPHORONE
1700U	N-NITROSODI-N-PROPYLAMINE
1700U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1700U	NAPHTHACENF
1700U	NITROBENZENE
3300U	PENTACHLOROPHENOL
1700U	PHENANTHRENE
1700U	PHENOL
1700U	PYRENE
22.0	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84226 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S01

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1100 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
160J	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE /2
--	ALPHA-CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
22	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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

SAMPLE AND ANALY NACEMENT SYSTEM
EPA-REGION IV , ATHENS, GA. /94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84226 SAMPLE TYPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PCNSACOLA CITV: PCNSACOLA ST: FL
STATION ID: 32501 COLLECTION START: 03/08/94 1100 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.36	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE * :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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SAMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84226 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32501

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1100 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
e.2	SILVER
3.0U	ARSENIC
MA	BORON
25	BARIUM
0.50U	BERYLLIUM
23	CADMIUM
1.4	COBALT
910	CHROMIUM
47	COPPER
1.2	MOLYBDENUM
70	NICKEL
46	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
13U	TIN
14	STRONTIUM
5.0U	TELLURIUM
32	TITANIUM
10U	THALLIUM
5.7	VANADIUM
1.3	YTTRIUM
120	ZINC
NA	ZIRCONIUM
0.20	MERCURY
5700	ALUMINUM
	MANGANESE

MG/KG	ANALYTICAL RESULTS
2200	CALCIUM
1G0	MAGNCSIUM
1800	IRON
100U	SODIUM
200u	POTASSIUM
16	PERCENT MOISTURE

REMARKS

***REMARKS* **

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

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84227 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S36

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1115 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
49u	CHLOROMCTHANC
49u	VINYL CHLORIDE
49u	BROMOMETHANE
49u	CHLOROETHANE
49u	TRICHLOROFLUOROMETHANE
49u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
490U	ACETONE
120u	CARBON DISULFIDE
49u	METHYLENE CHLORIDE
49u	TRANS-1.2-DICHLOROETHENE
49u	1.1-DICHLOROETHANE
49u	CIS-1.2-DICHLOROETHENE
49u	2.2-DICHLOROPROPANE
490U	METHYL ETHYL KETONE
49u	BROMOCHLOROMETHANE
49u	CHLOROFORM
49u	1.1.1-TRICHLOROETHANE
49u	1.1-DICHLOROPROPENE
49u	CARBON TETRACHLORIDE
7.8J	1.2-DICHLOROETHANE
49u	BENZENE
49u	TRICHLOROETHENE(TRICHLOROETHYLENE)
49u	1.2-DICHLOROPROPANE
49u	DIBROMOMETHANE
4911	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
49u	CIS-1.3-DICHLOROPROPCNC
120u	METHYL ISOBUTYL KETONE
7.1J	TOLUENE
49u	TRANS-1.3-DICHLOROPROPENE
49u	1,1,2-TRICHLOROETHANE
49u	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
49u	1.3-DICHLOROPROPANE
120u	METHYL BUTYL KETONE
49u	DIBROMOCHLOROMETHANE
49u	CHLOROBENZENE
49u	1.1.1.2-TETRACHLOROE HANE
49u	ETHYL BENZENE
17J	(M- AND/OR P-)XYLENE
49u	O-XYLENE
49u	STYRENE
49u	BROMOFORM
49u	BROMOBENZENE
49u	1.1.2.2-TETRACHLOROE HANE
49u	1.2.3-TRICHLOROPROPA E
49u	O-CHLOROTOLUENE
49u	P-CHLOROTOLUENE
49u	1.3-DICHLOROBENZENE
49u	1.4-DICHLOROBENZENE
49u	1.2-DICHLOROBENZENE
14 7	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

03/30/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84227 SAMPLE TYPE: SOIL
SOURCE: WAS PENSACOLA
STATION ID: 32S36

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1115 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1600U	(3-AND/OR 4-)METHYLPHENOL
1600U	1,2,4-TRICHLOROBENZENE
1600U	2,2'-CHLOROISOPROPYLETHER
1600U	2,3,4,6-TETRACHLOROPHENOL
1600U	2,4,5-TRICHLOROPHENOL
1600U	2,4,6-TRICHLOROPHENOL
1600U	2,4-DICHLOROPHENOL
1600U	2,4-DIMETHYLPHENOL
3100U	2,4-DINITROPHENOL
1600U	2,4-DINITROTOLUENE
1600U	2,6-DINITROTOLUENE
1600U	2-CHLORONAPHTHALENE
1600U	2-CHLOROPHENOL
3100U	2-METHYL-4,6-DINITROPHENOL
1600U	2-YETHVLNAPHTHALENE
1600U	2-METHYLPHENOL
1600U	2-NITROANILINE
1600U	2-NITROPHENOL
1600U	3,3'-DICHLOROBENZIDINE
1600U	3-NITROANILINE
1600U	4-BROMOPHENYL PHENYL ETHER
1600U	4-CHLORO-3-METHYLPHENOL
1600U	4-CHLOROANILINE
1600U	4-CHLOROPHENYL PHENYL ETHER
1600U	4-NITROANILINE
3100U	4-NITROPHENOL
1600U	ACENAPHTHENE
1600U	ACENAPHTHVLENE
1600U	ANTHRACENE
1600U	BENZO(A)ANTHRACENE
1600U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1600U	BENZO(GHI)PERYLENE
1600U	BENZO-A-PYRENE
1600U	BENZYL BUTYL PHTHALATE
1600U	BIS(2-CHLOROETHOXY) METHANE
1600U	BIS(2-CHLOROETHYL) ETHER
1600U	BIS(2-ETHYLHEXYL) PHTHALATE
1600U	CARBAZOLE
1600U	CHRYSENE
1600U	DI-N-BUTYLPHTHALATE
1600U	DI-N-OCTYLPHTHALATE
1600U	DIBENZO(A,H)ANTHRACENE
1600U	DIBENZOFURAN
1600U	DIETHYL PHTHALATE
1600U	DIMETHYL PHTHALATE
1600U	FLUORANTHENE
1600U	FLUORENE
1600U	HEXACHLOROBENZENE (HCB)
1600U	HEXACHLOROBUTADIENE
1600U	HEXACHLOROCVCLOPENTADIENE (HCCP)
1600U	HEXACHLOROETHANE
1600U	INDENO (1,2,3-CD) PYRENE
1600U	ISOPHORONE
1600U	N-NITROSODI-N-PROPYLAMINE
1600U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1600U	NAPHTHALENE
1600U	NITROBENZENE
3100U	PENTACHLOROPHENOL
1600U	PHENANTHRENE
1600U	PHENOL
1600U	PYRENE
14.7	PERCENT MOISTURE

REMARKS

++*REMARKS*+*

FOOTNOTES

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

SAMPLE AND ANALYS[illegible] [illegible]AGEMENT SVSTEM
EPA-REGION IV [illegible] ATHENS, GA.

[illegible] /94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84227 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32536

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1115 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALVTICAL RESULTS
500U	PCO-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXVCHLOR
50U	ENDRIN KETONE
15	PERCENT MOISTURE

REMARKS

REMARKS

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
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT C-CONFIRMED BY GC/MS
1. WHEN NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALVSIS MANAGEMENT SVSTEY
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

SPECIFIED ANALVSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84227 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S36

PROG ELEM: SSF COLLECTED BV: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1115 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.25	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSI[illegible] IAGEMENT SYSTEM
EPA-REGION IV [illegible] ATHENS, GA.

METALS DATA REPORT 0[illegible] 94

8..

** PROJECT NO. 94-0323 SAMPLE NO. 84227 SAMPLE TYPE; SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN **
** SOURCE: NAS PENSACOLA C1TY: PENSACOLA ST: FL **
** STATION ID: 32S36 COLLECTION START: 03/08/94 1115 STOP: 00/00/00 **

MG/KG	ANALYTICAL RESULTS	MG/KG	ANALYTICAL RESULTS
13	SILVER	1200	CALCIUM
3.0U	ARSENIC	150	MAGNESIUM
NA	BORON	2100	IRON
41	BARIUM	100U	SODIUM
0.50U	BERYLLIUM	200u	POTASSIUM
16	CADMIUM	14	PERCENT MOISTURE
1.1	COBALT		
600	CHROMIUM		
59	COPPER		
1.0U	MOLYBDENUM		
43	NICKEL		
56	LEAD		
3.0U	ANTIMONY		
4.0U	SELENIUM		
13U	TIN		
7.6	STRONTIUM		
5.0U	TELLURIUM		
53	TITANIUM		
0U	THALLIUM		
6.0	VANADIUM		
1.5	YTTRIUM		
120	ZINC		
NA	ZIRCONIUM		
0.56	MERCURY		
6700	ALUMINUM		
69	MANGANESE		

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

PURGEABLE ORGANICS DATA REPORT * * * 04/05/94

PROJECT NO. 94-0323 SAMPLE No. 84228 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S39

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1130 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
42U	CHLOROMETHANE
42u	VINYL CHLORIDE
42U	BROMOMETHANE
42U	CHLOROETHANE
42U	TRICHLOROFLUOROMETHANE
42U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
420U	ACETONE
100U	CARBON DISULFIDE
42U	METHYLENE CHLORIDE
42U	TRANS-1,2-DICHLOROETHENE
42U	1,1-DICHLOROETHANE
42U	CIS-1,2-DICHLOROETHENE
42U	2,2-DICHLOROPROPANE
420U	METHYL ETHYL KETONE
42U	BROMOCHLOROMETHANE
42U	CHLOROFORM
42U	1,1,1-TRICHLOROETHANE
42U	1,1-DICHLOROPROPENE
42U	CARBON TETRACHLORIDE
8.7J	1,2-DICHLOROETHANE
42U	BENZENE
42U	TRICHLOROETHENE(TRICHLOROETHYLENE)
42U	1,2-DICHLOROPROPANE
42U	DIBROMOMETHANE
42U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
42U	CIS-1.3-DICHLOROPROPCNC
100U	METHYL ISOBUTYL KETONE
4.3J	TOLUENE
42U	TRANS-1.3-DICHLOROPROPENE
42U	1.1.2-TRICHLOROETHANE
42W	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
42U	1.3-DICHLOROPROPANE
100U	METHYL BUTYL KETONE
42U	DIBROMOCHLOROMETHANE
42U	CHLOROBENZENE
42U	1.1.1.2-TETRACHLOROETHANE
42U	ETHYL BENZENE
42U	(M- AND/OR P-)XYLENE
42U	0-XYLENE
42U	STYRENE
42U	BROMOFORM
42U	BROMOBENZENE
42U	1,1,2,2-TETRACHLOROETHANE
42U	1.2.3-TRICHLOROPROPANE
42W	O-CHLOROTOLUENE
42U	P-CHLOROTOLUENE
42u	1.3-DICHLOROBENZENE
42U	1.4-DICHLOROBENZENE
42U	1.2-DICHLOROBENZENE
7.8	PERCENT MOISTURE

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 QUANTITATION LIMIT.

SAMPLE AND ANALYSI[illegible]NAGEMENT SYSTEM
EPA-REGION IV L[illegible], ATHENS, GA.

0[illegible]/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84228 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32539

PROG.ELEM: SSF COLLECTED BY: FFSLOAN
CITY: PENSACOLA
COLLCCTION START: 03/08/94 1130 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1400U	(3-AND/OR 4-)METHYLPHENOL
1400U	1,2,4-TRICHLOROBENZENE
1400U	2,2'-CHLOROISOPROPYLETHER
1400U	2,3,4,6-TETRACHLOROPHENOL
1400U	2,4,5-TRICHLOROPHENOL
1400U	2,4,6-TRICHLOROPHENOL
1400U	2,4-DICHLOROPHENOL
1400U	2,4-DIMETHVLPHENOL
2900U	2,4-DINITROPHENOL
1400U	2,4-DINITROTOLUENE
1400U	2,6-DINITROTOLUENE
1400U	2-CHLORONAPHTHALENE
1400U	2-CHLOROPHENOL
2900U	2-METHYL-4,6-DINITROPHENOL
1400U	2-METHVLNAPHTHALENE
1400U	2-METHYLPHENOL
1400U	2-NITROANILINE
1400U	2-NITROPHENOL
1400U	3,3'-DICHLOROBENZIDINE
1400U	3-NITROANILINE
1400U	4-BROMOPHENYL PHENYL ETHER
1400U	4-CHLORO-3-METHYLPHENOL
1400U	4-CHLOROANILINE
1400U	4-CHLOROPHENYL PHENYL ETHER
1400U	4-NITROANILINE
2900U	4-NITROPHENOL
1400U	ACENAPHTHENE
1400U	ACENAPHTHVLENE
1400U	ANTHRACENE
1400U	BENZO(A)ANTHRACENE
1400U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALVTICAL RESULTS
1400U	BENZO(GHI)PERYLENE
1400U	BENZO-A-PVRENE
1400U	BENZYL BUTYL PHTHALATE
1400U	BIS(2-CHLOROETHOXY) METHANE
1400U	BIS(2-CHLOROETHVL) ETHER
1400U	BIS(2-ETHYLHEXYL) PHTHALATE
1400U	CARBAZOLE
1400U	CHRYSENE
1400U	DI-N-BUTYLPHTHALATE
1400U	DI-N-OCTYLPHTHALATE
1400U	DIBENZO(A,H)ANTHRACENE
1400U	DIBENZOFURAN
1400U	DIETHYL PHTHALATE
1400U	DIMETHYL PHTHALATE
1400U	FLUORANTHENE
1400U	FLUORENE
1400U	HEXACHLOROBENZENE (HCB)
1400U	HEXACHLOROBUTADIENE
1400U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1400U	HEXACHLOROETHANE
1400U	INDENO (1,2,3-CD) PYRENE
1400U	ISOPHORONE
1400U	N-NITROSODI-N-PROPVLAMINE
1400U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1400U	NAPHTHACENE
1400U	NITROBENZENE
2900U	PENTACHLOROPHENOL
1400U	PHENANTHRENE
1400U	PHENOL
1400U	PVRENE
7.9	PERCENT MOISTURE

REMARKS

REMARKS

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

04/05/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84228 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S39

PROG. ELEM: SSF COLLECTED BY: FFSLOAN
CITV: PENSACOLA
COLLECTION START: 03/08/94 1130 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
50UJ	ALDRIN
50UJ	HEPTACHLOR
50UJ	HEPTACHLOR EPOXIDE
50UJ	ALPHA-BHC
50UJ	BETA-BHC
50UJ	GAMMA-BHC (LINDANE)
50UJ	DELTA-BHC
50UJ	ENDOSULFAN I (ALPHA)
50UJ	DIELDRIN
50UJ	4,4'-DDT (P,P'-DDT)
50UJ	4,4'-DDE (P,P'-DDE)
50UJ	4,4'-DDD (P,P'-DDD)
50UJ	ENDRIN
50UJ	ENDOSULFAN II (BETA)
50UJ	ENDOSULFAN SULFATE
200UJ	CHLORDANE (TECH. MIXTURE) /1
500UJ	PCB-1242 (AROCLOR 1242)
500UJ	PCB-1254 (AROCLOR 1254)
500UJ	PCB-1221 (AROCLOR 1221)

UG/KG	ANALVTICAL RESULTS
500UJ	PCD-1232 (AROCLOR 1232)
500UJ	PCB-1248 (AROCLOR 1248)
500UJ	PCB-1260 (AROCLOR 1260)
500UJ	PCB-1016 (AROCLOR 1016)
3000UJ	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXVCHLORDANE (OCTACHLOREPOXIDE) /2
200UJ	METHOXYCHLOR
50UJ	ENDRIN KETONE
7.8	PERCENT MOISTURE

REMARKS
QUANT. IS SUSPECT BASED ON QC DATA

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT. C-CONFIRMED BY GC/MS
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYS[illegible] IAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS, GA.

[illegible] /94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84228 SAMPLE TYPE: SOIL PROG ELEM: SSF COLLECTED BY: FRSLOAN
SOURCE: NAS PCNSACOLA CITY: PCNSACOLA
STATION ID: 32539 COLLECTION START: 03/08/94 1130 STOP: 00/00/00

RCSULTS	UNITS	PARAMETER
0.21U	MG/KG	CYANIDE

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 QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84228 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S39

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1130 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
4.3	SILVER
3.0U	ARSENIC
MA	BORON
18	BAR UM
0.50U	BERYLL UM
6.2	CADMIUM
1.0U	COBALT
240	CHROMIUM
20	COPPER
1.0U	MOLYBDENUM
12	NICKEL
34	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
7.5U	TIN
10	STRONTIUM
5.0U	TELLURIUM
26	TITANIUM
10U	THALLIUM
2.3	VANAD UM
1.0U	YTTR 1UM
47	ZINC
NA	ZIRCONIUM
0.16	MERCURY
2300	ALUMINUM
38	MANGANESE

MG/KG	ANALYTICAL RESULTS
1100	CALCIUM
83	MAGNCSIUM
1000	IRON
100U	SODIUM
200U	POTASSIUM
6	PERCENT MOISTURE

REMARKS

REMARKS

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

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84229 SAMPLE TYPE; SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1220 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
39U	CHLOROMETHANE
	VINYL CHLORIDE
39U	BROMOMETHANE
39U	CHLOROETHANE
39U	TRICHLOROFLUOROMETHANE
39U	1,1-DICHLOROETHENE(1,1-DICHLOROE HYLENE)
390U	ACETONE
98U	CARBON DISULFIDE
39U	METHYLENE CHLORIDE
39U	TRANS-1.2-DICHLOROETHENE
39U	1.1-DICHLOROETHANE
39U	CIS-1.2-DICHLOROETHENE
39U	2.2-DICHLOROPROPANE
390U	METHYL ETHYL KETONE
39U	BROMOCHLOROMETHANE
39U	CHLOROFORM
39U	1.1.1-TRICHLOROETHANE
39U	1.1-DICHLOROPROPENE
	CARBON TETRACHLORIDE
39U	1.2-DICHLOROETHANE
39U	BENZENE
39U	TRICHLOROETHENE(TRICHLOROETHYLENE)
39U	1.2-DICHLOROPROPANE
39U	DIBROMOMETHANE
	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
39u	CIS-1.3-DICHLOROPROPENE
98U	METHYL ISOBUTYL KETONE
39u	TOLUENE
39u	TRANS-1.3-DICHLOROPROPENE
39u	1.1.2-TRICHLOROETHANE
39u	TETRACHLOROETHENE(TETRACHLOROE HYLENE)
39u	1.3-DICHLOROPROPANE
98U	METHYL BUTYL KETONE
39u	DIBROMOCHLOROMETHANE
39u	CHLOROBENZENE
39u	1,1,1,2-TETRACHLOROETHANE
39u	ETHYL BENZENE
39u	(M- AND/OR P-)XYLENE
39u	O-XYLENE
39u	STYRENE
39u	BROMOFORM
39u	BROMOBENZENE
39u	1.1.2.2-TETRACHLOROETHANE
39u	1.2.3-TRICHLOROPROPANE
39u	O-CHLOROTOLUENE
39u	P-CHLOROTOLUENE
39u	1.3-DICHLOROBENZENE
39U	1.4-DICHLOROBENZENE
39u	1.2-DICHLOROBENZENE
1 9	PERCENT MOISTURE

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

SIMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. **84229** SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1220 STOP: **00/00/00**

UG/KG	ANALVTICAL RESULTS
1300U	**(3-AND/OR 4-)MCTHYLPHCNOL**
1300U	1.2.4-TRICHLOROBENZENE
1300U	**2.2'-CHLOROISOPROPYLETHER**
1300U	**2.3.4.6-TETRACHLOROPHENOL**
1300U	2,4,5-TRICHLOROPHENOL
1300U	2.4.6-TRICHLOROPHENOL
1300U	2.4-DICHLOROPHENOL
1300U	2.4-DIMETHVLPHENOL
2600U	2.4-DINITROPHENOL
1300U	**2,4-DINITROTOLUENE**
1300U	2,6-DINITROTOLUENE
1300U	2-CHLORONAPHTHALENE
1300U	2-CHLOROPHENOL
2600U	**2-METHYL-4,6-DINITROPHENOL**
1300U	2-METHVLNAPHTHALENE
1300U	2-METHVLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	**3,3'-DICHLOROBENZIDINE**
1300U	3-NITROANILINE
1300U	**4-BROMOPHENYL** PHENVL ETHER
1300U	I-CHLORO-3-METHYLPHENOL
1300U	**4-CHLOROANILINE**
1300U	**4-CHLOROPHENYL** PHENVL ETHER
1300U	**4-NITROANILINE**
2600U	4-NITROPMWOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHVLENE
1300U	AUTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1300U	**BENZO(CHI)PCRYLENC**
1300U	BENZO-A-PYRENE
1300U	BENZYL BUTVL PHTHALATE
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	BIS(2-CHLOROETHYL) ETHER
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	CARBAZOLE
1300U	CHRVSENE
1300U	DI-N-BUTVLPHTHALATE
1300U	DI-N-OCTVLPHTHALATE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	DIBENZOFURAN
1300U	DIETHVL PHTHALATE
1300U	DIMETHYL PHTHALATE
1300U	FLUORANTHENE
1300U	FLUORENE
1300U	HEXACHLOROBENZENE (HCB)
1300U	HEXACHLOROBUTADIENE
1300U	**HEXACHLOROCVCLOPENTADIENE** (HCCP)
1300U	HEXACHLOROETHANE
1300U	INDENO (1,2,3-CD) PVRENE
1300U	ISOPHORONE
1300U	**N-NITROSODI-N-PROPYLAMINE**
1300U	**N-NITROSODIPHENYLAMINE/DIPHENYLAMINE**
1300U	NAPHTHALENE
1300U	NITROBENZENE
2600U	PENTACHLOROPHEWL
1300U	PHENANTHRENE
1300U	PHENOL
1300U	PVRENE
1.9	PERCENT MOISTURE

REMARKS

REMARKS

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

PROJECT NO. 94-0323 SAMPLE NO. 84229 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1220 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4.4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
1.9	PERCENT MOISTURE

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 QUANTITATION LIMIT. C-CONFIRMED BY GC/MS
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEWNT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. **94-0323** SAMPLE NO. 84229 SAMPLE TYPE: SOIL
SOURCE: NAS PCNSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: **03/08/94** 1220 STOP: **00/00/00**

RESULTS	UNITS	PARAMCTCR
0.21U	MG/KG	**CYANIDE**

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD ATHENS, GA.

04/[illegible]/94

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84229 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S06

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1220 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
3.0U	ARSENIC
NA	BORON
1.0U	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	COBALT
1.0U	CHROMIUM
1.0U	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.0U	TIN
23	STRONTIUM
5.0U	TELLURIUM
2.9	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	YTTRIUM
1.2	ZINC
NA	ZIRCONIUM
0.05U	MERGURY
100	ALUMINUM
3.5	MANGANESE

MG/KG	ANALYTICAL RESULTS
4700	CALCIUM
40	MAGNESIUM
150	IRON
100U	SODIUM
200U	POTASSIUM
2	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84230 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32567

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECT[illegible]: 03/08/94 1420 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
43u	VINYL CHLORIE
43u	BROMOMETHANE
43u	CHLOROETHANE
43u	CH OROETHANE
43u	TRICHLOROFLUOROMETHANE
43u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
430U	ACETONE
110U	CARBON DISULFIDE
43u	METHYLENE CHLORIDE
43u	TRANS-1.2-DICHLOROETHENE
43U	1.1-DICHLOROETHANE
43u	CIS-1.2-DICHLOROETHENE
43u	2 2-DICHLOROPROPANE
430U	[illegible] ETHYL KETONE
43u	BROMOCHLOROMETHANE
43u	CHLOROFORM
43u	1,1,1-TRICHLOROETHANE
43u	1.1-DICHLOROPROPENE
43u	CARBON TETRACHLORIDE
43u	1.2-DICHLOROETHANE
43u	BENZENE
43Y	TRICHLOROETHENE(TRICHLOROETHYLENE)
43u	1.2-DICHLOROPROPANE
43u	DIBROMOMETHANE
4311	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
43u	CIS-1.3-DICHLOROPROPCNC
110U	METHYL ISOBUTYL KETONE
43u	TOLUENE
43u	TRANS-1.3-DICHLOROPRPENE
43u	1.1.2-TRICHLOROETHANE
43u	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
43u	1.3-DICHLOROPROPANE
110U	METHYL BUTYL KETONE
43u	DIBROMOCHLOROMETHANE
43u	CHLOROBENZENE
43u	1,1,1.2-TETRACHLOROETHANE
43u	ETHYL BENZENE
43u	(M- AND/OR P-)XYLENE
43u	O-XYLENE
43u	STYRENE
43u	BROMOFORM
43u	BROMOBENZENE
43u	1.1.2.2-TETRACHLOROETHANE
43u	1.2.3-TRICHLOROPROPANE
43u	O-CHLOROTOLUENE
43u	P-CHLOROTOLUENE
43u	1,3-DICHLOROBENZENE
43u	1.4-DICHLOROBENZENE
43u	1.2-DICHLOROBENZENE
2 3	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84230 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32SG7

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1420 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1400U	(3-AND/OR 4-)METHYLPHENOL
1400U	1,2,4-TRICHLOROBENZENE
1400U	2,2'-CHLOROISOPROPYLETHER
1400U	2,3,4,6-TETRACHLOROPHENOL
1400U	2,4,5-TRICHLOROPHENOL
1400U	2,4,6-TRICHLOROPHENOL
1400U	2,4-DICHLOROPHENOL
1400U	2,4-DIMETHYLPHENOL
2700U	2,4-DINITROPHENOL
1400U	2,4-DINITROTOLUENE
1400U	2,6-DINITROTOLUENE
1400U	2-CHLORONAPHTHALENE
1400U	~-CHLOROPHENOL
2700U	2-METHYL-4,6-DINITROPHENOL
1400U	2-METHYLNAPHTHALENE
1400U	2-METHYLPHENOL
1400U	2-NITROANILINE
1400U	Z-NITROPHENOL
1400U	3,3'-DICHLOROBENZIDINE
1400U	3-NITROANILINE
1400U	4-BROMOPHENYL PHENYL ETHER
1400U	I-CHLORO-3-METHYLPHENOL
1400U	4-CHLOROANILINE
1400U	4-CHLOROPHENYL PHENYL ETHER
1400U	4-NITROANILINE
2700U	4-NITROPHENOL
1400U	ACEUAPHTHENE
1400U	ACENAPHTHYLENE
1400U	ANTWRACEUE
1400U	BENZO(A)ANTHRACENE
1400U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1400U	BENZO(GHI)PERYLENE
1400U	BENZO-A-PYRENE
1400U	BENZYL BUTYL PHTHALATE
1400U	BIS(2-CHLOROETHOXY) METHANE
1400U	BIS(2-CHLOROETHYL) ETHER
1400U	BIS(2-ETHYLHEXYL) PHTHALATE
1400U	CARBAZOLE
1400U	CHRYSENE
1400U	DI-N-BUTYLPHTHALATE
1400U	DI-N-OCTYLPHTHALATE
1400U	DIBENZO(A,H)ANTHRACENE
1400U	DIBENZOFURAN
1400U	DIETHYL PHTHALATE
1400U	DIMETHYL PHTHALATE
14wu	FLUORANTHENE
1400U	FLUORENE
1400U	HEXACHLOROBENZENE (HCB)
1400U	HEXACHLOROBUTADIENE
14wu	HEXACHLOROCYCLOPENTADIENE (HCCP)
1400U	HEXACHLOROETHANE
1400U	INDENO (1,2,3-CD) PYRENE
1400U	ISOPHORONE
1400U	N-NITROSODI-N-PROPYLAMINE
1400U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1400U	NAPHTHALENE
1400U	NITROBENZENE
2700U	PENTACHLOROPHENOL
1400U	PHENANTHRENE
1400U	PHENOL
1400U	PYRENE
2.3	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.

PESTICIDES/PCB'S DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84230 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S67

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1420 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4.4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4.4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	CCD-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE /2
--	ALPHA-CHLORDENE /2
--	
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
--	
200U	METHOXYCHLOR
50U	ENDRIN KETONE
2.3	PERCENT MOISTURE

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

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84230 SAMPLE TVPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32567 COLLECTION START: 03/08/94 1420 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
0.21U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-EST MATED 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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SAMPLE AND ANALVSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84230 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S67

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1420 STOP: 00/00/00

ANALYTICAL RESULTS

MG/KG	
1.0U	SILVER
3.0U	ARSENIC
NA	
1.0U	BORON
0.50U	BARIUM
0.50U	BERYLLIUM
1.0U	COBALT
1.0	CHROMIUM
1.0U	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.0U	TIN
1.0U	STRONTIUM
5.0U	TELLURIUM
9.1	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	YTTRIUM
1.0U	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
96	ALUMINUM
1.0U	MANGANESE

ANALYTICAL RESULTS

MG/KG	
150U	CALCIUM
10U	MAGNESIUM
81	IRON
100U	SODIUM
200U	POTASSIUM
3	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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SAMPLE AND ANALYS[illegible] NAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS. GA.

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84231 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S68

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
3CU	CHLOROMETHANE
36U	VINYL CHLORIDE
36U	BROMOMETHANE
36U	CHLOROETHANE
36U	TRICHLOROFLUOROMETHANE
36U	1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)
360U	ACETONE
91U	CARBON DISULFIDE
36U	METHYLENE CHLORIDE
36U	TRANS-1.2-DICHLOROETHENE
36U	1.1-DICHLOROETHANE
36U	CIS-1.2-DICHLOROETHENE
36U	2.2-DICHLOROPROPANE
360U	METHYL ETHYL KETONE
36U	BROMOCHLOROMETHANE
36U	CHLOROFORM
36U	1,1,1-TRICHLOROETHANE
36U	1.1-DICHLOROPROPENE
36U	CARBON TETRACHLORIDE
36U	1.2-DICHLOROETHANE
36U	BENZENE
36U	TRICHLOROETHENE(TRICHLOROETHYLENE)
36U	1.2-DICHLOROPROPANE
36U	DIBROMOMETHANE
36U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
36U	CIS-1.3-DICHLOROPROPCNC
91U	METHYL ISOBUTYL KETONE
36U	TOLUENE
36U	TRANS-1.3-DICHLOROPROPENE
36U	1,1,2-TRICHLOROETHANE
36U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
36U	1.3-DICHLOROPROPANE
91U	METHYL BUTYL KETONE
36U	DIBROMOCHLOROMETHANE
36U	CHLOROBENZENE
36U	1.1.1.2-TETRACHLOROETHANE
36U	ETHYL BENZENE
36U	(M- AND/OR P-)XYLENE
36U	O-XYLENE
36U	
36U	BROMOFORM
36U	BROMOBENZENE
36U	1.1.2.2-TETRACHLOROETHANE
36U	1,2,3-TRICHLOROPROPANE
36U	O-CHLOROTOLUENE
36U	P-CHLOROTOLUENE
36U	1.3-DICHLOROBENZENE
36U	1.4-DICHLOROBENZENE
36U	1.2-DICHLOROBENZENE
1.7	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD. ATHENS. GA.

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84231 SAMPLE TVPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32568

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1440 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1300U	(3-AND/OR 4-)METHYLPHENOL
1300U	1,2,4-TRICHLOROBENZENE
1300U	2,2'-CHLOROISOPROPYLETHER
1300U	2.3.4.6-TETRACHLOROPHENOL
1300U	2,4,5-TRICHLOROPHENOL
1300U	2,4,6-TRICHLOROPHENOL
1300U	2.4-DICHLOROPHENOL
1300U	2.4-DIMETHVLPHENOL
2700U	2,4-DINITROPHENOL
1300U	2.4-DINITROTOLUENE
1300U	2.6-DINITROTOLUENE
1300U	2-CHLORONAPHTHALENE
1300U	2-CHLOROPHENOL
2700U	2-METHYL-4,6-DINITROPHENOL
1300U	2-METHYLNAPHTHALENE
1300U	2-METHYLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	3,3'-DICHLOROBENZIDINE
1300U	3-NITROANILINE
1300U	4-BROMOPHENYL PHENVL ETHER
1300U	4-CHLORO-3-METHYLPHENOL
1300U	4-CHLOROANILINE
1300U	4-CHLOROPHENYL PHENYL ETHER
1300U	4-NITROANILINE
2700U	4-NITROPHENOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHYLENE
1300U	ANTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1300U	BENZO(GHI)PERYLENE
1300U	BENZO-A-PYRENE
1300U	BENZYL BUTVL PHTHALATE
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	BIS(2-CHLOROETHYL) ETHER
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	CARBAZOLE
1300U	CHRVSENE
1300U	DI-N-BUTYLPHTHALATE
1300U	DI-N-OCTVLPHTHALATE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	DIBENZOFURAN
1300U	DIETHVL PHTHALATE
1300U	DIMETHYL PHTHALATE
1300U	FLUORANTHENE
1300U	FLUORENE
1300U	HEXACHLOROBENZENE (HCB)
1300U	HEXACHLOROBUTADIENE
1300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1300U	HEXACHLOROETHANE
1300U	INDENO (1,2,3-CD) PVRENE
1300U	ISOPHORONE
1300U	N-NITROSODI-N-PROPVLAMINE
1300U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	NAPHTHALENE
1300U	NITROBENZENE
2700U	PENTACHLOROPHENOL
1300U	PHENANTHRENE
1300U	PHENOL
1300U	PVRENE
1.7	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
*A-AVERAM. VALUE *NA-NOT ANALVZED *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 ANALVZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYS[illegible] NAGEMENT SYSTEM
EPA-REGION IV [illegible] . ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84231 SAMPLE TYPE; SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S68

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4.4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENWSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCO-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREWXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
1.7	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SVSTCM
EPA-REGION IV ESD. ATHENS. GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84231 SAMPLE TVPE: SOIL PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: UAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32568 COLLECTION START: 03/08/94 1440 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
0.21U	MG/KG	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NA'-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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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD ATHENS, GA.

04/[illegible]/94

METALS DATA REPORT

PROJECT NO. **94-0323** SAMPLE NO. 84231 SAMPLE TYPE: SOIL
SOURCE: NAS PENSACOLA
STATION ID: 32S68

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1 OU	SILVER
3.0U	ARSENIC
NA	BORON
1.0U	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	COBALT
1.8	CHROMIUM
1.0U	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.5U	TIN
1.0U	STRONTIUM
5.0U	TELLURIUM
5.3	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1 OU	YTTRIUM
1.0U	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
77	ALUMINUM
1 O	MANGANESE

MG/KG	ANALYTICAL RESULTS
50U	CALCIUM
10U	MAGNCS UM
100	IRON
100U	SODIUM
200U	POTASSIUM
2	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84232 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 2

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
89U	CHLOROMETHANE
89U	VINYL CHLORIDE
89U	BROMOMETHANE
89U	CHLOROETHANE
89U	TRICHLOROFLUOROMETHANE
89U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
890U	ACETONE
220u	CARBON DISULFIDE
89U	METHYLENE CHLORIDE
89U	TRANS-1,2-DICHLOROETHENE
89U	1,1-DICHLOROETHANE
89U	CIS-1,2-DICHLOROETHENE
89U	2,2-DICHLOROPROPANE
890U	METHYL ETHYL KETONE
89U	BROMOCHLOROMETHANE
89U	CHLOROFORM
89U	1,1,1-TRICHLOROETHANE
89U	1,1-DICHLOROPROPENE
89U	CARBON TETRACHLORIDE
[illegible]	[illegible]-DICHLOROETHANE
[illegible]	[illegible]NE
[illegible]	[illegible]LOROETHENE(TRICHLOROETHYLENE)
89U	[illegible]-DICHLOROPROPANE
89U	DIBROMOMETHANE
89U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
89U	CIS-1.3-DICHLOROPROPLNC
220u	METHYL ISOBUTYL KETONE
89U	TOLUENE
89U	TRANS-1.3-DICHLOROPROPENE
89U	1.1.2-TRICHLOROETHANE
89U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
89U	1.3-DICHLOROPROPANE
220u	METHYL BUTYL KETONE
89U	DIBROMOCHLOROMETHANE
89U	CHLOROBENZENE
89U	1.1.1.2-TETRACHLOROETHANE
89U	ETHYL BENZENE
89U	(M- AND/OR P-)XYLENE
89U	O-XYLENE
89U	STVRENE
89U	BROMOFORM
89U	BROMOBENZENE
89U	1.1.2.2-TETRACHLOROETHANE
89U	1.2.3-TRICHLOROPROPANE
89U	O-CHLOROTOLUENE
89U	P-CHLOROTOLUENE
89U	1.3-DICHLOROBENZENE
89U	1.4-DICHLOROBENZENE
89U	1.2-DICHLOROBENZENE
53.4	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYS[illegible] ANAGEMENT SYSTEM
EPA-REGION IV [illegible] ATHENS. GA.

[illegible]/0/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84232 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 2

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
PCOOU	(3-AND/OR 4-)METHYLPHENOL
2600U	1,2,4-TRICHLOROBENZENE
2600U	2,2'-CHLOROISOPROPYLETHER
2600U	2,3,4,6-TETRACHLOROPHENOL
2600U	2,4,5-TRICHLOROPHENOL
2600U	2,4,6-TRICHLOROPHENOL
2600U	2,4-DICHLOROPHENOL
2600U	2,4-DIMETHYLPHENOL
5300U	2,4-DINITROPHENOL
2600U	2,4-DINITROTOLUENE
2600U	2,6-DINITROTOLUENE
2600U	2-CHLORONAPHTHALENE
2600U	2-CHLOROPHENOL
5300U	2-METHYL-4,6-DINITROPHENOL
2600U	P-METHYLNAPHTHALENE
2600U	2-METHYLPHENOL
2600U	2-NITROANILINE
2600U	2-NITROPHENOL
2600U	3,3'-DICHLOROBENZIDINE
2600U	3-NITROANILINE
2600U	4-BROMOPHENYL PHENYL ETHER
2600U	4-CHLORO-3-METHYLPHENOL
2600U	4-CHLOROANILINE
2600U	4-GHLOROPHENYL PHENYL ETHER
2600U	4-NITROANILINE
5300U	4-NITROPHENOL
26WU	ACENAPHTHENE
2600U	ACENAPHTHVLENE
2600U	ANTHRACENE
2600U	BENZO(A)ANTHRACENE
2600U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS,
PCOOU	BENZO(GHI)PERYLENE
2600U	BENZO-A-PYRENE
2600U	BENZYL BUTVL PHTHALATE
2600U	BIS(2-CHLOROETHOXY) METHANE
2600U	BIS(2-CHLOROETHYL) ETHER
2600U	BIS(2-ETHYLHEXYL) PHTHALATE
2600U	CARBAZOLE
2600U	CHRYSENE
2600U	DI-N-BUTYLPHTHALATE
2600U	DI-N-OCTYLPHTHALATE
2600U	DIBENZO(A,H)ANTHRACENE
2600U	DIBENZOFURAN
2600U	DIETHYL PHTHALATE
2600U	DIMETHYL PHTHALATE
2600U	FLUORANTHENE
2600U	FLUORENE
2600U	HEXACHLOROBENZENE (HCB)
2600U	HEXACHLOROBUTADIENE
2600U	HEXACHLOROCYCLOPENTADIENE (HCCP)
2600U	HEXACHLOROETHANE
2600U	INDENO (1,2,3-CD) PYRENE
2600U	ISOPHORONE
2600U	N-NITROSODI-N-PROPVLAMINE
2600U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
2600U	NAPHTHALENE
2600U	NITROBENZENE
5300U	PENTACHLOROPHENOL
2600U	PHENANTHRENE
26WU	PHENOL
2600U	PYRENE
53.4	PERCENT MOISTURE

REMARKS

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 04/05/94

** PROJECT NO. 94-0323 SAMPLE NO. 84232 SAMPLE TYPE: SLUDGE PROG ELEM: SSF ESTIMATED BY: F SLOAN **
** SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL **
** STATION ID: SLUDGE 2 COLLECTION START: 03/08/94 TIME STOP: 00/00/00 **

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
53	PERCENT MOISTURE

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

[illegible]/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. **94-0323** SAMPLE NO. 84232 SAMPLE TYPEY SLUDGE
PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCC: NAS PENSACOLA
CITY: PCNSACOLA ST: FL
STATION ID: SLUDGE 2
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
0.31U	MG/KG	CYANIDE

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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SAMPLE AM) ANALYSIS MANAGEMENT SVSTEY
EPA-ESD, REG IV
ATHENS GEORGIA

03/31/94

TCLP
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE

SAMPLE NO.: 94084232 SAMPLE TYPE: SLUDGE

FROJCCT NO.: 94-0323 PROGRAM ELEMENT: SSF
SOURCE: NAS PENSACOLA
CITY: PENSACOLA STATE: FL

STATION I.D.: SLUDGE 2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/08/94 1440
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: F SLOAN RECEIVED FROM: F SLOAN
SAMPLE REC'D: DATE/TIME 03/11/94 0940 REC'D BY: D COLQUITT
SEALED: YES
CHEMIST: FVC

REMARK :
RCMARK:

SAMPLE LOG VERIFIED BY: VAX SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER
0.05U	MG/L	SILVER
0.15U	MG/L	ARSENIC
0.20U	MG/L	BARIUM
0.025U	MG/L	CADMIUM
0.05U	MG/L	CHROMIUM
0.20U	MG/L	LEAD
0.20U	MG/L	SELENIUM
NA	MG/L	MERCURY
0.10U	MG/L	NICKEL
0.20U	MG/L	ANTIMONY
0.025U	MG/L	BERVLLIUM
0.50U	MG/L	THALLIUM

****

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

SAMPLE AND ANALYSI[illegible]NAGEMENT SYSTEM
EPA-REGION IV [illegible] ATHENS, GA.

0[illegible]/94

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84232 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 2

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1440 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
5.0U	ARSENIC
NA	BORON
5.8	BARIUM
0.50U	BERYLLIUM
0.65	CADMIUM
1.2	COBALT
28	CHROMIUM
9.2	COPPER
1.1	MOLYBDENUM
4.2	NICKEL
17	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
3.5U	TIN
16	STRONTIUM
5.0U	TELLURIUM
33	TITANIUM
10U	THALLIUM
12	VANADIUM
2.9	YTTRIUM
29	ZINC
NA	ZIRCONIUM
0.12	MERCURY
4100	ALUMINUM
22	MANGANESE

MG/KG	ANALYTICAL RESULTS
2600	CALCIUM
1000	MAGNCSIUM
4300	IRON
100U	SODIUM
200U	POTASSIUM
36	PERCENT MOISTURE

REMARKS

**REMARKS* **

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

04/05/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84233 SAMPLE TYPE: SLUDGE PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32S61 COLLECTION START: 03/08/94 1520 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS	UG/KG	ANALYTICAL RESULTS
37u	CHLOROMETHANE	37u	CIS-1,3-DICHLOROPROPENE
37u	VINYL CHLORIDE	91U	METHYL ISOBUTYL KETONE
37u	BROMOMETHANE	37u	TOLUENE
37u	CHLOROETHANE	37u	TRANS-1,3-DICHLOROPROPENE
37u	TRICHLOROFLUOROMETHANE	37u	1.1.2-TRICHLOROETHANE
37u	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)	37u	TETRACHLOROETHENE(TETRACHLOROETHVLENE)
370U	ACETONE	37u	1.3-DICHLOROPROPANE
91U	CARBON DISULFIDE	91U	METHYL BUTYL KETONE
37u	METHYLENE CHLORIDE	37u	DIBROMOCHLOROMETHANE
37u	TRANS-1.2-DICHLOROETHENE	37u	CHLOROBENZENE
37u	1.1-DICHLOROETHANE	37u	1.1.1.2-TETRACHLOROETHANE
37u	CIS-1.2-DICHLOROETHENE	37u	ETHYL BENZENE
37u	2.2-DICHLOROPROPANE	37u	(M- AND/OR P-)XYLENE
370U	METHYL ETHVL KETONE	37u	O-XYLENE
37u	BROMOCHLOROMETHANE	37u	STVRENE
37u	CHLOROFORM	37u	BROMOFORM
37u	1.1.1-TRICHLOROETHANE	37u	BROMOBENZENE
37u	1.1-DICHLOROPROPENE	37u	1.1.2.2-TETRACHLOROE THANE
37u	CARBON TETRACHLORIDE	37u	1.2.3-TRICHLOROPROPA NE
37u	1.2-DICHLOROETHANE	37u	O-CHLOROTOLUENE
37u	BENZENE	37u	P-CHLOROTOLUENE
37u	TRICHLOROETHENE(TRICHLOROETHYLENE)	37u	1.3-DICHLOROBENZENE
37U	1.2-DICHLOROPROPANE	37u	1.4-DICHLOROBENZENE
37u	DIBROMOMETHANE	37u	1.2-DICHLOROBENZENE
3711	BROMODICHLOROMETHANE	2.4	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALVZED *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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SAMPLE AND ANALYS[illegible] NAGEMENT SYSTEM
EPA-REGION IV . ATHENS. GA.

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84233 SAMPLE TVPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: 32561

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLCCTION START: 03/08/94 1520 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1300U	(3-AND/OR 4-)MCTHYLPHCNOL
1300U	1,2,4-TRICHLOROBENZENE
1300U	2,2'-CHLOROISOPROPYLETHER
1300U	2,3,4,6-TETRACHLOROPHENOL
1300U	2,4,5-TRICHLOROPHENOL
1300U	2,4,6-TRICHLOROPHENOL
1300U	2,4-DICHLOROPHENOL
1300U	2,4-DIMETHYLPHENOL
2600U	2,4-DINITROPHENOL
1300U	2,4-DINITROTOLUENE
1300U	2,6-DINITROTOLUENE
1300U	2-CHLORONAPHTHALENE
1300U	2-CHLOROPHENOL
2600U	2-METHYL-4,6-DINITROPHENOL
1300U	2-ME THVLNAPHTHALENE
1300U	2-METHYLPHENOL
1300U	2-NITROANILINE
1300U	2-NITROPHENOL
1300U	3,3'-DICHLOROBENZIDINE
1300U	3-NITROANILINE
1300U	4-BROMOPHENYL PHENYL ETHER
1300U	4-CHLORO-3-METHYLPHENOL
1300U	4-CHLOROANILINE
1300U	4-CHLOROPHENVL PHENYL ETHER
1300U	4-NITROANILINE
2600U	4-NITROPHENOL
1300U	ACENAPHTHENE
1300U	ACENAPHTHVLENE
1300U	ANTHRACENE
1300U	BENZO(A)ANTHRACENE
1300U	BENZO(B AND/OR K)FLUORANTHENE

UG/KG	ANALYTICAL RESULTS
1300U	BENZO(GHI)PERYLENE
1300U	BENZO-A-PVRENE
1300U	BENZYL BUTYL PHTHALATE
1300U	BIS(2-CHLOROETHOXY) METHANE
1300U	BIS(2-CHLOROETHVL) ETHER
1300U	BIS(2-ETHYLHEXYL) PHTHALATE
1300U	CARBAZOLE
1300U	CHRYSENE
1300U	DI-N-BUTYLPHTHALATE
1300U	DI-N-OCTYLPHTHALATE
1300U	DIBENZO(A,H)ANTHRACENE
1300U	DIBENZOFURAN
1300U	DIETHVL PHTHALATE
1300U	DIMETHYL PHTHALATE
1300U	FLUORANTHENE
1300U	FLUORENE
1300U	HEXACHLOROBENZENE (HCB)
1300U	HEXACHLOROBUTADIENE
1300U	HEXACHLOROCYCLOPENTADIENE (HCCP)
1300U	HEXACHLOROETHANE
1300U	INDENO (1.2.3-CD) PYRENE
1300U	ISOPHORONE
1300U	N-NITROSODI-N-PROPYLAMINE
13wu	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1300U	NAPHTHALENE
1300U	NITROBENZENE
2600U	PENTACHLOROPHENOL
1300U	PHENANTHRENE
1300U	PHENOL
13wu	PYRENE
2.4	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84233 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: 32S61

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1520 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	ALPHA-BHOR EPOXIDE
50U	BETAABHC
50U	GAMMA-BH
50U	G A-BHC (LINDANE)
50U	DELTA-BHC
SOU	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
SOU	4,4'-DDE (P,P'-DDE)
SOU	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200U	CHLOROANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCD-1232 (AROCLOR 1232)
500U	PCB-1248 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	YETHOXVCHLOR
50U	ENDRIN KETONE
2.4	PERCENT MOISTURE

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

SAMPLE AND ANALYS[illegible] NAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS, GA.

[illegible]/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84233 SAMPLE TYPE: SLUDGE PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PCNSACOLA ST: FL
STATION ID: 32561 COLLECTION START: 03/08/94 1520 STOP: 00/00/00

RCSULTS	UNITS	PARAMCTCR
0.21U	MG/KG	CYANIDE

*****FOOTNOTES*****
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.

04/05/94

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84233 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: 32S61

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1520 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
3.0U	ARSENIC
NA	BORON
1.0U	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	COBALT
1.2	CHROMIUM
1.0U	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.5U	TIN
1.51)	STRONTIUM
5.0U	TELLURIUM
4.9	TITANIUM
10U	THALLIUM
1.0U	VANADIUM
1.0U	VTTRIUM
1.0U	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
74	ALUMINUM
1 0U	MANGANESE

MG/KG	ANALYTICAL RESULTS
100	CALCIUM
12	MAGNESIUM
69	IRON
10U	SODIUM
200u	POTASSIUM
3	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSI[illegible]VAGEMENT SYSTEM
€PA-REGION IV E. ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84234 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 1

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1535 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
G3U	CHLOROMETHANE
63U	VINYL CHLORIDE
63U	BROMOMETHANE
63U	CHLOROETHANE
63U	TRICHLOROFLUOROMETHANE
63U	1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)
630U	ACETONE
160U	CARBON DISULFIDE
63U	METHYLENE CHLORIDE
63U	TRANS-1.2-DICHLOROETHENE
63U	1,1-DICHLOROETHANE
63U	CIS-1.2-DICHLOROETHENE
63U	2.2-DICHLOROPROPANE
630U	METHYL ETHYL KETONE
63U	BROMOCHLOROMETHANE
63U	CHLOROFORM
63U	1.1.1-TRICHLOROETHANE
63U	1.1-DICHLOROPROPENE
63U	CARBON TETRACHLORIDE
63U	1.2-DICHLOROETHANE
63U	BENZENE
63U	TRICHLOROETHENE(TRICHLOROETHYLENE)
63U	1.2-DICHLOROPROPANE
63U	DIBROMOMETHANE
63U	BROMODICHLOROMETHANE

UG/KG	ANALYTICAL RESULTS
C3U	CIS-1.3-DICHLOROPROPCNC
160U	METHYL ISOBUTYL KETONE
63U	TOLUENE
63U	TRANS-1.3-DICHLOROPROPENE
63U	1.1.2-TRICHLOROETHANE
63U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
63U	1.3-DICHLOROPROPANE
160U	METHYL BUTYL KETONE
63U	DIBROMOCHLOROMETHANE
63U	CHLOROBENZENE
63U	1.1.1.2-TETRACHLOROETHANE
63U	ETHYL BENZENE
63U	(M- AND/OR P-)XYLENE
63U	O-XYLENE
63U	STYRENE
63U	BROMOFORM
63U	BROMOBENZENE
63U	1.1.2.2-TETRACHLOROETHANE
63U	1.2.3-TRICHLOROPROPANE
63U	O-CHLOROTOLUENE
63U	P-CHLOROTOLUENE
63U	1.3-DICHLOROBENZENE
63U	1.4-DICHLOROBENZENE
63U	1.2-DICHLOROBENZENE
20.e	PERCENT MOISTURE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA.

03/30/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84234 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 1

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1535 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
1500U	3-AND/OR 4-)METHYLPHENOL
1500U	,2,4-TRICHLOROBENZENE
1500U	,2'-CHLOROISOPROPYLETHER
1500U	,3,4,6-TETRACHLOROPHENOL
1500U	,4,5-TRICHLOROPHENOL
1500U	,4,6-TRICHLOROPHENOL
1500U	,4-DICHLOROPHENOL
1500U	,4-DIMETHYLPHENOL
3000U	,4-DINITROPHENOL
1500U	,4-DINITROTOLUENE
1500U	2,6-DINITROTOLUENE
1500U	2-CHLORONAPHTHALENE
1500U	2-CHLOROPHENOL
3000U	2-METHYL-4,6-DINITROPHENOL
1500U	2-YCTWVLNAPWTWALENE
1500U	2-METHYLPHENOL
1500U	2-NITROANILINE
1500U	2-NITROPHENOL
1500U	3,3'-DICHLOROBENZIDINE
1500U	3-NITROANILINE
1500U	4-BROMOPHENYL PHENYL ETHER
1500U	4-CHLORO-3-METHYLPHENOL
1500U	4-CHLOROANILINE
1500U	4-CHLOROPHENYL PHENYL ETHER
1500U	4-NITROANILINE
3000U	4-NITROPHENOL
1500U	ACENAPHTHENE
1500U	ACENAPHTHYLENE
1500U	ANTHRACENE
1500U	(CE
1500U	(AND/OR K LUORAN

UG/KG	ANALVTICAL RESULTS
500U	BENZO(GHI)PCRYLENE
500U	BENZO-A-PYRENE
500U	BENZYL BUTVL PHTHALATE
500U	BIS(2-CHLOROETHOXY) METHANE
500U	BIS(2-CHLOROETHYL) ETHER
500U	BIS(2-ETHYLHEXYL) PHTHALATE
500U	CARBAZOLE
500U	CHRYSENE
500U	DI-N-BUTYLPHTHALATE
500U	DI-N-OCTYLPHTHALATE
500U	DIBENZO(A,H)ANTHRACENE
500U	DIBENZOFURAN
500U	DIETHYL PHTHALATE
500U	DIMETHYL PHTHALATE
500U	FLUORANTHENE
500U	FLUORENE
500U	HEXACHLOROBENZENE (HCB)
500U	HEXACHLOROBUTAOIENE
500U	HEXACHLOROCYCLOPENTADIENE (HCCP)
500U	HEXACHLOROETHANE
500U	INDENO (1,2,3-CD) PYRENE
500U	ISOPHORONE
500U	N-NITROSODI-N-PROPYLAMINE
500U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
500U	NAPHTHALENE
500U	NITROBENZENE
000U	PENTACHLOROPHENOL
500U	PHENANTHRENE
500U	PHENOL
500U	PVRENC
0.8	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84234 SAMPLE TYPE: SLUDGE
SOURCE: NAS PENSACOLA
STATION ID: SLUDGE 1

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/08/94 1535 STOP: 00/00/00

UG/KG	ANALYTICAL RESULTS
50U	ALDRIN
50U	HEPTACHLOR
50U	HEPTACHLOR EPOXIDE
50U	ALPHA-BHC
50U	BETA-BHC
50U	GAMMA-BHC (LINDANE)
50U	DELTA-BHC
50U	ENDOSULFAN I (ALPHA)
50U	DIELDRIN
50U	4,4'-DDT (P,P'-DDT)
50U	4,4'-DDE (P,P'-DDE)
50U	4,4'-DDD (P,P'-DDD)
50U	ENDRIN
50U	ENDOSULFAN II (BETA)
50U	ENDOSULFAN SULFATE
200u	CHLORDANE (TECH. MIXTURE) /1
500U	PCB-1242 (AROCLOR 1242)
500U	PCB-1254 (AROCLOR 1254)
500U	PCB-1221 (AROCLOR 1221)

UG/KG	ANALYTICAL RESULTS
500U	PCB-1232 (AROCLOR 1232)
500U	PCB-1218 (AROCLOR 1248)
500U	PCB-1260 (AROCLOR 1260)
500U	PCB-1016 (AROCLOR 1016)
3000U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLOROENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
200U	METHOXYCHLOR
50U	ENDRIN KETONE
21	PERCENT MOISTURE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN *L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN C-CONFIRMED BY GC/MS
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1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84234 SAMPLE TYPE: SLUDGE PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: SLUDGE 1 COLLECTION START: 03/08/94 1535 STOP: 00/00/00

RESULTS UNITS PARAMETER
0.25U MG/KG CYANIDE

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

03/31/94

TCLP
DATA RCPORTING SHCCT
SEDIMENT/SOIL/SLUDGE

SAMPLE NO.: 94C84234 SAMPLE TYPE: SLUDGE

PROJECT NO.. 94-0023 PROGRAM CLCMCNT: SSF
SOURCE: NAS PENSACOLR
CITY: PENSACOLA STATE: FL

STATION I.D.: SLUDGE 1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 03/08/94 1535
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: F SLOAN RECEIVED FROM: F SLOAN
SAMPLE REC'D: DATE/TIME 03/11/94 0940 REC'D BY: D COLQUITT
SEALED: YES
CHEMIST: FVC

REMARK :
REMARK :

SAMPLE LOG VERIFIED BY: VAX SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	PARAMETER
0.05U	MG/L	SILVER
0.15U	MG/L	ARSENIC
0.20U	MG/L	BARIUM
0.025U	MG/L	CADMIUM
0.05U	MG/L	CHROMIUM
0.20U	MG/L	LEAD
0.20U	MG/L	SELENIUM
NA	MG/L	MERCURY
0.10U	MG/L	WICKCL
0.20U	MG/L	ANTIMONY
0.025U	MG/L	BERYLLIUM
0.50U	MG/L	THALLIUM

****

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 QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NU. 84234 SAMPLE TYPE: SLUDGE PROG ELEM: SSF COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: SLUDGE 1 COLLECTION START: 03/08/94 1535 STOP: 00/00/00

MG/KG	ANALYTICAL RESULTS
1.0U	SILVER
3.0U	ARSENIC
NA	BORON
1.0U	BARIUM
0.50U	BERYLLIUM
0.50U	CADMIUM
1.0U	COBALT
3.6	CHROMIUM
1.2	COPPER
1.0U	MOLYBDENUM
2.0U	NICKEL
4.0U	LEAD
3.0U	ANTIMONY
4.0U	SELENIUM
4.5U	TIN
1.2	STRONTIUM
5.0U	TELLURIUM
20	TITANIUM
10U	THALLIUM
1.8	VANADIUM
1.0U	YTTRIUM
4.4	ZINC
NA	ZIRCONIUM
0.05U	MERCURY
540	ALUMINUM
29	MANGANESE

MG/KG	ANALYTICAL RESULTS
130	CALCIUM
110	MAGNESIUM
540	IRON
100U	SODIUM
200u	POTASSIUM
21	PERCENT MOISTURE

REMARKS

REMARKS

FOOTNOTES

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SAMPLE AND ANAL[illegible] MANAGEMENT SYSTEM
EPA-REGION [illegible]SD. ATHENS, GA.

15/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. **94-0323** SAMPLE NO. 84235 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32G07

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1115 **STOP:** 00/00/00

UG/L	ANALYTICAL RESULTS	UG/L	ANALYTICAL RESULTS
5.0U	CHLOROMETHANC	5.0U	CIS-1.3-DICHLOROPROPENE
5.0U	VINYL CHLORIDE	12u	METHYL ISOBUTYL KETONE
5.0U	BROMOMETHANE	5.0U	TOLUENE
5.0U	CHLOROETHANE	5.0U	**TRANS-1.3-DICHLOROPROPENE**
5.0U	TRICHLOROFLUOROMETHANE	5.0U	1.1.2-TRICHLOROETHANE
5.0U	**1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)**	5.0U	**TETRACHLOROETHENE(TETRACHLOROETHYLENE)**
50U	ACETONE	5.0U	1.3-DICHLOROPROPANE
12u	**CARBON DISULFIDE**	12u	METHYL BUTYL KETONE
5.0U	**METHYLENE CHLORIDE**	5.0U	DIBROMOCHLOROMETHANE
5.0U	**TRANS-1.2-DICHLOROETHENE**	5.0U	CHLOROBENZENE
5.0U	**1.1-DICHLOROETHANE**	5.0U	1.1.1.2-TETRACHLOROETHANE
5.0U	**CIS-1.2-DICHLOROETHENE**	5.0U	ETHYL BENZENE
5.0U	**2.2-DICHLOROPROPANE**	5.0U	**(M- AND/OR P-)XYLENE**
50U	**METHYL ETHYL KETONE**	5.0U	**O-XYLENE**
5.0U	BROMOCHLOROMETHANE	5.0U	STYRENE
5.0U	CHLOROFORM	5.0U	BROMOFORM
5.0U	1.1.1-TRICHLOROETHANE	5.0U	**BROMOBENZENE**
5.0U	1.1-DICHLOROPROPENE	5.0U	1.1.2.2-TETRACHLOROETHANE
5.0U	CARBON TETRACHLORIDE	5.0U	1.2.3-TRICHLOROPROPANE
5.0U	1.2-DICHLOROETHANE	5.011	**O-CHLOROTOLUENE**
5.0U	BENZENE	5.0U	P-CHLOROTOLUENE
5.0U	TRICHLOROETHENE([illegible] THYLENE)	5.0U	1.3-DICHLOROBENZENE
5.0U	1.2-DICHLOROPROPANE	5.0U	1.4-DICHLOROBENZENE
5.0U	**DIBROMOMETHANE**	5.0U	**1.2-DICHLOROBENZENE**
5.0U	BROMODICHLOROMETHANE		

*****REMARKS*****

REMARKS

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SAMPLE AND ANALVSIS MANAGEMENT SVSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/28/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84235 SAMPLE TYPE; GROUNDWA PROG.ELEM. SSF COLLECTED BY: F.SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32G07 COLLECTION START: 03/09/94 1115 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
10U	(3-AND/OR 4-)METHYLPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	2,2'-CHLOROISOPROPYLETHER
10U	2.3.4.6-TETRACHLOROPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	2,4,6-TRICHLOROPHEWL
10U	2,4-DICHLOROPHENOL
10U	2.4-DIMETHVLPHENOL
20U	2.4-DINITROPHENOL
10U	2,4-DINITROTOLUENE
10U	2.6-DINITROTOLUENE
10U	2-CHLORONAPHTHALENE
10U	2-CHLOROPHENOL
20u	2-METHYL-4,6-DINITROPHEWL
10U	2-METHYLNAPHTHALENE
10U	2-METHYLPHENOL
10U	2-NITROANILINE
10U	2-NITROPHENOL
10U	3,3'-DICHLOROBENZIDINE
10U	3-NITROANILINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	4-CHLORO-3-METHYLPHENOL
10U	4-CHLOROANILINE
10U	4-CWLOROPHENYL PHENYL ETHER
10U	4-NITROINILINE
20u	4-NITROPHENOL
10U	ACENAPHTHENE
10U	ACENAPHTHVLENE
10U	ANIHRACENE
10U	BENZO(A)ANTHRACENE
10U	BENZO(B AND/OR K)FLUORANTHENE

UG/L	ANALVTICAL RESULTS
10U	BENZO(GHI)PERYLENE
10U	BENZO-A-PYRENE
10U	EENZVL BUTVL PHTHALATE
10U	BIS(2-CHLOROETHOXY) METHANE
10U	BIS(2-CHLOROETHYL) ETHER
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	CARBAZOLE
10U	CHRVSENE
10U	DI-N-BUTYLPHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	DIBENZO(A,H)ANTHRACENE
10U	DIBENZOFURAN
10U	DIETHVL PHTHALATE
10U	DIMETHYL PHTHALATE
10U	FLUORANTHENE
10U	FLUORENE
10U	HEXACHLOROBENZENE (HCB)
10U	HEXACHLOROBUTADIENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	HEXACHLOROETHANE
10U	INDENO (1,2,3-CD) PYRENE
10U	ISOPHORONE
10U	N-NITROSODI-N-PROPYLAMINE
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	NAPHTHALENE
10U	NITROBENZENE
20u	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	PHENOL
10U	PYRENE

REMARKS

REMARKS

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SAMPLE AND ANALVSIS GEMENT SYSTEM
EPA-REGION IV ESD. ATHENS. GA. 03/31/94

PESTICIDES/POB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84235 SAMPLE TYPE: CROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32607

PROC ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1115 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
0.50U	ALDRIN
0.50U	HEPTACHLOR
0.50U	HEPTACHLOR EPOXIDE
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	GAMMA-BHC (LINDANE)
0.50U	DELTA-BHC
0.50U	ENDOSULFAN I (ALPHA)
0.50U	DIELDRIN
0.50U	4.4'-DDT (P,P'-DDT)
0.50U	4,4'-DDE (P,P'-DDE)
0.50U	4.4'-DDD (P,P'-DDD)
0.50U	ENDRIN
0.50U	ENDOSULFAN II (BETA)
0.50U	ENDOSULFAN SULFATE
1.0U	CHLORDANE (TECH. MIXTURE) /1
2.0U	PCB-1242 (AROCLOR 1242)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1221 (AROCLOR 1221)

UG/L	ANALYTICAL RESULTS
2.0U	PCD-1232 (AROCLOR 1232)
2.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1260 (AROCLOR 1260)
2.0U	PCB-1016 (AROCLOR 1016)
20U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
1.0U	METHOXYCHLOR
0.50U	ENDRIN KETONE

REMARKS

+**REMARKS***

FOOTNOTES

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1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84235 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PCNSACOLA CITY: PCNSACOLA ST: FL
STATION ID: 32G07 COLLECTION START: 03/09/94 1115 STOP: 00/00/00

RESULTS	UNITS	PARAMCTER
4U	UG/L	CYANIDE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

METALS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84235 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32G07 COLLECTION START: 03/09/94 1115 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
10UU	SILVER
30U	ARSENIC
NA	BORON
10U	BARIUM
5.0U	BERVLLIUM
5.0U	CADMIUM
10U	COBALT
10U	CHROMIUM
10U	COPPER
10U	MOLYBDENUM
20u	NICKEL
45	LEAD
30U	ANTIMONY
40U	SELENIUM
25U	TIN
26	STRONTIUM
50U	TELLURIUM
10U	TITANIUM
100U	THALLIUM
10U	VANADIUM
10U	YTTRIUM
10U	ZINC
NA	ZIRCONIUM
0.2U	MERCURY
430	ALUMINUM
10U	MANGANESE

MG/L	ANALYTICAL RESULTS
7.2	CALCIUM
0.16	MAGNESIUM
0.35	IRON
3.0	SODIUM
2.0U	POTASSIUM

***REMARKS. **

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/15/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84236 SAMPLE TYPE: GROUNDWA PROG. ELEM.: SSF COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32G15 COLLECTION START: 03/09/94 1340 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
5.OU	CHLOROMETHANE
5.OU	VINYL CHLORIDE
5.OU	BROMOMETHANE
5.OU	CHLOROETHANE
5.OU	TRICHLOROFLUOROMETHANE
5.OU	1.1-DICHLOROETHENESEl.1-DICHLOROETHYLENE)
SOU	ACETONE
12u	CARBON DISULFIDE
5.OU	YETHYLENE CHLORIDE
5.OU	TRANS-1.2-DICHLOROETHENE
1.4J	1.1-DICHLOROETHANE
5.OU	CIS-1.2-DICHLOROETHENE
5.OU	2.2-DICHLOROPROPANE
50U	METHYL ETHYL KETONE
5.OU	BROMOCHLOROMETHANE
5.OU	CHLOROFORM
5.OU	1.1.1-TRICHLOROETHANE
5.OU	1.1-DICHLOROPROPENE
5.OU	CARBON TETRACHLORIDE
5.OU	1.2-DICHLOROETHANE
5.OU	BENZENE
5.OU	TRICHLOROETHENE(TRICHLOROETHYLENE)
5.OU	1.2-DICHLOROPROPANE
5.OU	DIBROMOMETHANE
5.OU	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5.OU	CIS-1.3-DICHLOROPROPENE
12u	METHYL ISOBUTYL KETONE
5.OU	TOLUENE
5.OU	TRANS-1.3-DICHLOROPROPENE
5.OU	1.1.2-TRICHLOROETHANE
5.OU	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5.OU	1.3-DICHLOROPROPANE
12u	METHYL BUTYL KETONE
5.OU	DIBROMOCHLOROMETHANE
7.O	CHLOROBENZENE
5:OU	1.1.1.2-TETRACHLOROETHANE
5.OU	ETHYL BENZENE
5.OU	(M- AND/OR P-)XYLENE
5.OU	O-XYLENE
5.OU	STYRENE
5.OU	BROMOFORM
5.OU	BROMOBENZENE
5.OU	1.1.2.2-TETRACHLOROETHANE
5.OU	1.2.3-TRICHLOROPROPANE
5.OU	O-CHLOROTOLUENE
5.OU	P-CHLOROTOLUENE
0.55J	1.3-DICHLOROBENZENE
1.2J	1.4-DICHLOROBENZENE
1.5J	1.2-DICHLOROBENZENE

•••REMARKS•••

••*REMARKS* ••

•••FOOT •••
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SAMPLE AND ANALYS VAGEMENT SYSTEM
EPA-REGION IV . ATHENS. GA.

a /94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84236 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32G15

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1340 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
10U	(3-AND/OR 4-)METHYLPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	2.2'-CHLOROISOPROPYLETHER
10U	2.3.4.6-TETRACHLOROPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	2.4.6-TRICHLOROPHENOL
10U	2.4-DICHLOROPHENOL
10U	2.4-DIMETHYLPHENOL
20u	2.4-DINITROPHENOL
10U	2,4-DINITROTOLUENE
10U	2.6-DINITROTOLUENE
10U	2-CHLORONAPHTHALENE
10U	2-CHLOROPHENOL
20u	2-METHYL-4.6-DINITROPHENOL
10U	2-METHYLNAPHTHALENE
10U	2-METHYLPHENOL
10U	2-NITROANILINE
10U	2-NITROPHENOL
10U	3.3'-DICHLOROBENZIDINE
10U	3-NITROANILINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	4-CHLORO-3-METHYLPHENOL
10U	4-CHLOROANILINE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	4-NITROANILINE
20u	4-NITROPHENOL
10U	ACENAPHTHENE
10U	ACENAPHTHYLENE
10U	ANTHRACENE
10U	BENZO(A)ANTHRACENE
10U	BENZO(B AND/OR K)FLUORANTHENE

UG/L	ANALYTICAL RESULTS
10U	BENZO(GHI)PERYLENE
10U	BENZO-A-PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	BIS(2-CHLOROETHOXY) METHANE
10U	BIS(2-CHLOROETHYL) ETHER
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	CARBAZOLE
10U	CHRYSENE
10U	DI-N-BUTYLPHTHALATE
1011	DI-N-OCTYLPHTHALATE
10U	DIBENZO(A,H)ANTHRACENE
10U	DIBENZOFURAN
10U	DIETHYL PHTHALATE
10U	DIMETHYL PHTHALATE
10U	FLUORANTHENE
10U	FLUORENE
10U	HEXACHLOROBENZENE (HCB)
10U	HEXACHLOROBUTADIENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	HEXACHLOROETHANE
10U	INDENO (1.2.3-CD) PYRENE
10U	ISOPHORONE
10U	N-NITROSODI-N-PROPYLAMINE
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	NAPHTHALENE
10U	NITROBENZENE
20u	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	PHENOL
10U	PYRENE

***REMARKS*+*

REMARKS

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

03/31/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84236 SAMPLE TYPE; GROUNDWA
SOURCE: MAS PENSACOLA
STATION ID: 32615

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1340 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
0.50U	ALDRIN
0.50U	HEPTACHLOR
0.50U	HEPTACHLOR EPOXIDE
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	GAMMA-BHC (LINDANE)
0.50U	DELTA-BHC
0.50U	ENDOSULFAN I (ALPHA)
0.50U	DIELDRIN
0.50U	4,4'-DDT (P,P'-DDT)
0.50U	4,4'-DDE (P,P'-DDE)
0.50U	4,4'-DDD (P,P'-DDD)
0.50U	ENDRIN
0.50U	ENDOSULFAN II (BETA)
0.50U	ENDOSULFAN SULFATE
1.0U	CHLORDANE (TECH. MIXTURE) /1
2.0U	PCB-1242 (AROCLOR 1242)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1221 (AROCLOR 1221)

UG/L	ANALYTICAL RESULTS
2.0U	PCB-1232 (AROCLOR 1232)
2.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1260 (AROCLOR 1260)
2.0U	PCB-1016 (AROCLOR 1016)
20u	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
1.0U	METHOXYCHLOR
0.50U	ENDRIN KETONE

4

REMARKS

REMARKS

FOOTNOTES

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV LAB. ATHENS, GA.

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84236 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PCNSACOLA ST: FL
STATION ID: 32615 COLLECTION START: 03/09/94 1340 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
4U	UG/L	CYANIDE

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 1/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84236 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: WAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID; 32G15 COLLECTION START: 03/09/94 1340 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
10U	SILVER
30U	ARSENIC
NA	BORON
10U	BARIUM
5.0U	BERYLLIUM
5.0U	CADMIUM
10U	COBALT
10U	CHROMIUM
10U	COPPER
10U	MOLYBDENUM
20u	NICKEL
5.0U	LEAD
30U	ANTIMONY
4ou	SELENIUM
25U	TIN
70	STRONTIUM
50U	TELLURIUM
10U	TITANIUM
100U	THALLIUM
11	VANADIUM
10U	YTTRIUM
10U	ZINC
NA	ZIRCONIUM
0.2U	MERCURY
100U	ALUMINUM
10U	MANGANESE

MG/L	ANALYTICAL RESULTS
5.9	CALCIUM
9.8	MAGNESIUM
0.39	SODIUM
6.8	POTASSIUM

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANAL IANAGEMENT SYSTEM
EPA-REGION I .0, ATHENS, GA.

15/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. **84237** SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32G03

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1430 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
5.0U	CHLOROMETHANE
5.0U	VINYL CHLORIDE
5.0U	BROMOMETHANE
5.0U	CHLOROETHANE
5.0U	TRICHLOROFLUOROMETHANE
5.0U	**1.1-DICHLOROETHENE(1.1-DICHLOROETHYLENE)**
50U	ACETONE
12u	CARBON DISULFIDE
5.0U	METHYLENE CHLORIDE
5.0U	**TRANS-1.2-DICHLOROETHENE**
5.0U	1.1-DICHLOROETHANE
5.0U	CIS-1.2-DICHLOROETHENE
5.0U	2.2-DICHLOROPROPANE
50U	METHYL ETHYL KETONE
5.0U	BROMOCHLOROMETHANE
5.0U	CHLOROFORM
5.0U	1.1.1-TRICHLOROETHANE
5.0U	1.1-DICHLOROPROPENE
5.0U	CARBON TETRACHLORIDE
5.0U	1.2-DICHLOROETHANE
5.0U	BENZENE
5.0U	**TRICHLOROETHENE(TRICHLOROETHYLENE)**
5.0U	1.2-DICHLOROPROPANE
5.0U	DIBROMOMETHANE
5.0U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5.0U	CIS-1.3-DICHLOROPROPENE
12U	METHYL ISOBUTYL KETONE
5.0U	TOLUENE
5.0U	**TRANS-1.3-DICHLOROPROPENE**
5.0U	1.1.2-TRICHLOROETHANE
5.0U	**TETRACHLOROETHENE(TETRACHLOROETHYLENE)**
5.0U	1.3-DICHLOROPROPANE
12u	METHYL BUTYL KETONE
5.0U	DIBROMOCHLOROMETHANE
5.0U	CHLOROBENZENE
5.0U	**1.1.1.2-TETRACHLOROETHANE**
5.0U	ETHYL BENZENE
5.0U	(M- AND/OR P-)XYLENE
5.0U	O-XYLENE
5.0U	STYRENE
5.0U	BROMOFORM
5.0U	BROMOBENZENE
5.0U	**1.1.2.2-TETRACHLOROETHANE**
5.0U	1.2.3-TRICHLOROPROPANE
5.0U	O-CHLOROTOLUENE
5.0U	P-CHLOROTOLUENE
5.0U	1.3-DICHLOROBENZENE
5.0U	1.4-DICHLOROBENZENE
5.0U	1.2-DICHLOROBENZENE

REMARKS

REMARKS

*****FOOTNOTES*****

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/28/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84237 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32G03 COLLECTION START: 03/09/94 1430 STOP: 00/00/00

UG/L	ANALVTICAL RESULTS	UG/L	ANALYTICAL RESULTS
10U	(3-AND/OR 4-)METHYLPHENOL	10U	BENZO(GHI)PERYLENE
10U	1,2,4-TRICHLOROBENZENE	10U	BENZO-A-PYRENE
10U	2.2'-CHLOROISOPROPYLETHER	10U	BENZYL BUTVL PHTHALATE
10U	2,3,4,6-TETRACHLOROPHENOL	10U	BIS(2-CHLOROETHOXY) METHANE
10U	2,4,5-TRICHLOROPHENOL	10U	BIS(2-CHLOROETHYL) ETHER
10U	2.4.6-TRICHLOROPHENOL	10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	2.4-DICHLOROPHENOL	10U	CARBAZOLE
10U	2.4-DIMETHVLPHENOL	10U	CHRVSENE
20u	2.4-DINITROPHENOL	10U	DI-N-BUTYLPHTHALATE
10U	2,4-DINITROTOLUENE	10U	DI-N-OCTYI PHTHALATE
10U	2,6-DINITROTOLUENE	10U	DIBENZO(A,H)ANTHRACENE
10U	2-CHLORONAPHTHALENE	10U	DIBENZOFURAN
10U	2-CHLOROPHENOL	10U	DIETHVL PHTHALATE
20u	2-METHYL-4,6-DINITROPHENOL	10U	DIMETHVL PHTHALATE
10U	2-METHYLNAPHTHALENE	10U	FLUORANTHENE
10U	2-METHYLPHENOL	10U	FLUORENE
10U	2-NITROANILINE	10U	HEXACHLOROBENZENE (HCB)
10U	2-NITROPHENOL	10U	HEXACHLOROBUTADIENE
10U	3,3'-DICHLOROBENZIDINE	10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	3-NITROANILINE	10U	HEXACHLOROETHANE
10U	4-BROMOPHENYL PHENVL ETHER	10U	INDENO (1,2,3-CD) PVRENE
10U	4-CHLORO-3-METHYLPHENOL	10U	ISOPHORONE
10U	4-CHLOROANILINE	10U	N-NITROSODI-N-PROPYLAMINE
10U	4-CHLOROPHENVL PHENYL ETHER	10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	4-NITROANILINE	10U	NAPHTHALENE
20u	4-NITROPHENOL	10U	NITROBENZENE
10U	ACENAPHTHENE	20u	PENTACHLOROPHENOL
10U	ACENAPHTHVLENE	10U	PHENANTHRENE
10U	ANTHRACENE	10U	PHENOL
10U	BENZO(A)ANTHRACENE	10U	PVRENE
10U	BENZO(B AND/OR K)FLUORANTHENE		

REMARKS ***REMARKS** •

FOOTNOTES*
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD ATHENS, GA.

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84237 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32G03

PROC ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1430 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
0.50U	ALDRIN
0.50U	HEPTACHLOR
0.50U	HEPTACHLOR EPOXIDE
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	GAMMA-BHC (LINDANE]
0.50U	DELTA-BHC
0.50U	ENDOSULFAN I (ALPHA)
0.50U	DIELDRIN
0.50U	4,4'-DDT (P,P'-DDT)
0.50U	4,4'-DDE (P,P'-DDE)
0.50U	4.4'-DDD (P,P'-DDD)
0.50U	ENDRIN
0.50U	ENDOSULFAN II (BETA)
0.50U	ENDOSULFAN SULFATE
1.0U	CHLORDANE (TECH. MIXTURE) /1
2.0U	PCB-1242 (AROCLOR 1242)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1221 (AROCLOR 1221)

UG/L	ANALYTICAL RESULTS
2.0U	PCB-1232 (AROCLOR 1232)
2.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1260 (AROCLOR 1260)
2.0U	PCB-1016 (AROCLOR 1016)
20U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOREPOXIDE) /2
1.0U	METHOXYCHLOR
0.50U	ENDRIN KETONE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

03/30/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84237 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PCNSACOLA ST: FL
STATION ID: 32G03 COLLECTION START: 03/09/94 1430 STOP: 00/00/00

RESULTS	UNITS	PARAMETER
4U	UG/L	CYANIDE

FOOTNOTES
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SAMPLE AND ANALYSI[illegible]
EPA-REGION IV S[illegible]AGEMENT SYSTEM
ES[illegible] ATHENS.

METALS DATA REPORT 04[illegible]94

PROJECT NO. 94-0323 SAMPLE NO. 84237 SAMPLE TYPE: CROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32G03 COLLECTION START: 03/09/94 1430 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS	MG/L	ANALYTICAL RESULTS
10U	SILVER	3.3	CALCIUM
30U	ARSENIC	1.2	MAGNESIUM
NA	BORON	0.84	IRON
10U	BAR UM	5.3	SODIUM
5.0U	BERVLCIUM	2.0U	POTASSIUM
5.0U	CADMIUM		
10U	COBALT		
10U	CHROMIUM		
10U	COPPER		
10U	MOLVBDENUM		
20u	NICKEL		
5.3	LEAD		
30U	ANTIMONY		
40U	SELENIUM		
25U	TIN		
17	STRONTIUM		
50U	TELLURIUM		
10U	TITANIUM		
100U	THALLIUM		
10U	VANADIUM		
10U	YTTRIUM		
13	ZINC		
NA	ZIRCON1UM		
0.2U	MERCURY		
610	ALUMINUM		
10	MANGANESE		

REMARKS ***REMARKS***

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

03/ 15/94

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32GMG6

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1525 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
5.0U	CHLOROMCTHANE
130J	VINYL CHLORIDE
5.0U	BROMOMETHANE
5.0U	CHLOROETHANE
5.0U	TRICHLOROFLUOROMETHANE
210J	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50U	ACETONE
12u	CARBON DISULFIDE
5.0U	METHYLENE CHLORIDE
4.9J	TRANS-1,2-DICHLOROETHENE
54	1.1-DICHLOROETHANE
760	CIS-1,2-DICHLOROETHENE
5.0U	2.2-DICHLOROPROPANE
50U	METHYL ETHYL KETONE
5.0U	BROMOCHLOROMETHANE
5.0U	CHLOROFORM
5.0U	1,1,1-TRICHLOROETHANE
5.0U	1,1-DICHLOROPROPENE
5.0U	CARBON TETRACHLORIDE
1.2J	1,2-DICHLOROETHANE
2.0J	BENZENE
4800	TRICHLOROETHENE(TRICHLOROETHYLENE)
5.0U	1,2-DICHLOROPROPANE
5.0U	DIBROMOMETHANE
5.0U	BROMODICHLORMTHANE

UG/L	ANALYTICAL RESULTS
5.0U	CIS-1,3-DICHLOROPROPENE
3.0J	METHYL ISOBUTYL KETONE
9.8	TOLUENE
5.0U	TRANS-1,3-DICHLOROPROPENE
5.0U	1,1,2-TRICHLOROETHANE
2.6J	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5.0U	1,3-DICHLOROPROPANE
12u	METHYL BUTYL KETONE
5.0U	DIBROMOCHLOROMETHANE
120J	CHLOROBENZENE
5.0U	1,1,1,2-TETRACHLOROETHANE
5.0U	ETHYL BENZENE
4.95	(M- AND/OR P-)XYLENE
4.35	O-XYLENE
5.0U	STYRENE
5.0U	BROMOFORM
5.0U	BROMOBENZENE
5.0U	1,1,2,2-TETRACHLOROETHANE
5.0U	1,2,3-TRICHLOROPROPANE
2.4J	O-CHLOROTOLUENE
5.0U	P-CHLOROTOLUENE
27	1,3-DICHLOROBENZENE
54	1,4-DICHLOROBENZENE
74	1,2-DICHLOROBENZENE

REMARKS

**REMARKS*

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MISCELLANEOUS PURGEABLE ORGANICS - DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TVPE: GROUNOWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITV: PENSACOLA ST: FL
STATION ID: 32GM66 COLLECTION START: 03/09/94 1525 STOP: 00/00/00

ANALVTICAL RCSULTS UG/L

1.2J	1,3,5-TRIMETHYLBENZENE
6.1	1.2.4-TRIMETHYLBENZENE
20JN	DICHLOROTRIFLUOROETHANE

FOOTNOTES
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*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD. ATHENS, GA.

03/28/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF CITY: PENSACOLA COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA
STATION ID: 32GW66 COLLECTION START: 03/09/94 1525 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
1.2J	(3-AND/OR 4-)METHYLPHENOL
10U	1,2,4-TRICHLOROBENZENE
10U	2,2'-CHLOROISOPROPYLETHER
10U	2,3,4,6-TETRACHLOROPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	2,4,6-TRICHLOROPHENOL
10U	2,4-DICHLOROPHENOL
75	2,4-DIMETHYLPHENOL
20U	2,4-DINITROPHENOL
10U	2,4-DINITROTOLUENE
10U	2,6-DINITROTOLUENE
10U	2-CHLORONAPHTHALENE
10U	2-CHLOROPHENOL
20U	2-METHYL-4,6-DINITROPHENOL
5.0J	2-METHYLNAPHTHALENE
5.65	2-METHYLPHENOL
10U	2-NITROANILINE
10U	2-NITROPHENOL
10U	3,3'-DICHLOROBENZIDINE
10U	3-NITROANILINE
10U	4-BROMOPHENYL PHENYL ETHER
10U	4-CHLORO-3-METHYLPHENOL
10U	4-CHLOROANILINE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	4-NITROANILINE
20U	4-NITROPHENOL
2.35	ACENAPHTHENE
10U	ACENAPHTHYLENE
10U	ANTHRACENE
10U	BENZO(A)ANTHRACENE
10U	BENZO(B AND/OR K)FLUORANTHENE

UG/L	ANALYTICAL RESULTS
10U	BENZO(GHI)PERYLENE
10U	BENZO-A-PYRENE
10U	BENZYL BUTYL PHTHALATE
10U	BIS(2-CHLOROETHOXY) MTHANE
10U	BIS(2-CHLOROETHYL) ETHER
10U	BIS(2-ETHYLHEXYL) PHTHALATE
1.45	CARBAZOLE
10U	CHRYSENE
10U	DI-N-BUTYLPHTHALATE
10U	DI-N-OCTYLPHTHALATE
10U	DIBENZO(A,H)ANTHRACENE
1.4J	DIBENZOFURAN
10U	DIETHYL PHTHALATE
10U	DIMETHYL PHTHALATE
10U	FLUORANTHENE
1.75	FLUORENE
10U	HEXACHLOROBENZENE (HCB)
10U	HEXACHLOROBUTADIENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	HEXACHLOROETHANE
10U	INDENO (1,2,3-CD) PYRENE
10U	ISOPHORONE
10U	N-NITROSODI-N-PROPYLAMINE
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
53	NAPHTHALENE
10U	NITROBENZENE
20U	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	PHENOL
10U	PYRENE

REMARKS

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SAMPLE AND ANALYS AGEMENT SVSTEM
EPA-REGION IV ATHENS, GA.

0 94

MISCELLANEOUS EXTRACTABLE COMPOUNDS - DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32GM66

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTXON START: 03/09/94 1525 STOP: 00/00/00

ANALYTICAL RCSULTS UG/L

70JN	DIMETHVLPHENOL (NOT 2.4) 12 ISOMERS)
10JN	ETHYLDIMETHYLBENZENE
10JN	TRIMETHVLPHENOL
20JN	(DIMETHYLETHYL)PHENOL
10J	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 QUANTITATION LIMIT.
*R-QC INDICATES THAT DATA UNUSABLE. COMPOUND MAY OR MAY NOT BE PRESENT. RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION.

SAMPLE AND ANALYSIS MANAGEMENT SVSTLM
EPA-REGION IV ESD. ATHENS, GA.

03/31/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32GM66

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITV: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1525 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
0.50U	ALDRIN
0.50U	HEPTACHLOR
0.50U	HEPTACHLOR EPOXIDE
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	GAMMA-BHC (LINDANE)
0.50U	DELTA-BHC
0.50U	ENDOSULFAN I (ALPHA)
0.50U	DIELDRIN
0.50U	4,4'-DDT (P,P'-DDT)
0.50U	4,4'-DDE (P,P'-DDE)
0.50U	4,4'-DDD (P,P'-DDD)
0.50U	ENDRIN
0.50U	ENDOSULFAN II (BETA)
0.50U	ENDOSULFAN SULFATE
1.0U	CHLORDANE (TECH. MIXTURE) /1
2.0U	PCB-1242 (AROCLOR 1242)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1221 (AROCLOR 1221)

UG/L	ANALYTICAL RESULTS
2.0U	PCO-1232 (AROCLOR 1232)
2.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1260 (AROCLOR 1260)
2.0U	PCB-1016 (AROCLOR 1016)
20U	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXVCHLORDANE (OCTACHLOREPOXIDE) /2
1.0U	METHOXYCHLOR
0.50U	ENDRIN KETONE

REMARKS

REMARKS

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

SAMPLE AND ANALYS[illegible] MANAGEMENT SVSTEM
EPA-REGION IV [illegible], ATHENS. GA.

[illegible]/94

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84238 SAMPLE TYPE: GROUNDWA PROG.ELEM: SSF COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32GM66 COLLECTION START: 03/09/94 1525 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
10U	UG/L	CYANIDE

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES *J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS. GA.

04/05/94

METALS DATA REPORT

PROJECT No. 94-0323 SAMPLE No. 84238 SAMPLE TYPE: GROUNDWA PROG ELEM: SSF COLLECTED BY: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32GW66 COLLECTION START: 03/09/94 1525 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS	MG/L	ANALYTICAL RESULTS
100U	SILVER	240	CALCIUM
300U	ARSENIC	260	MAGNESIUM
NA	BORON	420	IRON
100U	BARIUM	670	SODIUM
84	BERYLLIUM	110	POTASSIUM
50U	CADMIUM		
100U	COBALT		
370	CHROMIUM		
100U	COPPER		
100U	MOLYBDENUM		
200U	NICKEL		
5[illegible]	LEAD		
3[illegible]	ANTIMONY		
400U	SELENIUM		
250U	TIN		
2200	STRONTIUM		
500U	TELLURIUM		
100U	TITANIUM		
1000U	THALLIUM		
550	VANADIUM		
1530	YTTRIUM		
NA	ZINC		
[illegible]	ZIRCONIUM		
0.2U	MERCURY		
1000000	ALUMINUM		
2000	MANGANESE		

REMARKS

REMARKS

FOOTNOTES
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SAMPLE AND ANALYS[illegible]NAGEMENT SYSTEM
EPA-REGION IV [illegible], ATHENS, GA.

[illegible]3/94

EXTRACTABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84239 SAMPLE TYPE: GROUNDWA
SOURCE: NAS PENSACOLA
STATION ID: 32G02

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/09/94 1530 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
10U	(3-AND/OR 4-)METHYLPHENOL
10U	1.2.4-TRICHLOROBENZENE
10U	2.2'-CHLOROISOPROPYLETHER
10U	2.3.4.6-TETRACHLOROPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	2.4.6-TRICHLOROPHENOL
10U	2.4-DICHLOROPHENOL
10U	2.4-DIMETHYLPHENOL
20u	2,4-DINITROPHENOL
10U	2,4-DINITROTOLUENE
10U	2.6-DINITROTOLUENE
10U	2-CHLORONAPHTHALENE
10U	2-CHLOROPHENOL
20u	2-METHYL-4.6-DINITROPHENOL
10U	2-METHYLNAPHTHALENE
10U	2-METHYLPHENOL
10U	2-NITROANILINE
10U	2-NITROPHENOL
10U	3,3'-DICHLOROBENZIDINE
10U	3-NITROANILINE
10U	4-BROMOPHENYL PHENVL ETHER
10U	4-CHLORO-3-METHYLPHENOL
10U	4-CHLOROANILINE
10U	4-CHLOROPHENYL PHENYL ETHER
10U	4-NITROANILINE
20u	4-NITROPHENOL
10U	ACENAPHTHENE
10U	ACENAPHTHYLENE
10U	ANTHRACENE
10U	BENZO(A)ANTHRACENE
10U	BENZO(B AND/OR K)FLUORANTHENE

UG/L	ANALYTICAL RESULTS.
10U	BENZO(GHI)PERYLENE
10U	BENZO-A-PYRENE
10U	BENZYL BUTVL PHTHALATE
10U	BIS(2-CHLOROETHOXY) METHANE
10U	BIS(2-CHLOROETHYL) ETHER
10U	BIS(2-ETHYLHEXYL) PHTHALATE
10U	CARBAZOLE
10U	CHRVSENE
10U	DI-N-BUTYLPHTHALATE
10U	01-N-OCTYCPHTHALATE
10U	DIBENZO(A,H)ANTHRACENE
10U	DIBENZOFURAN
10U	DIETHYL PHTHALATE
10U	DIMETHYL PHTHALATE
10U	FLUORANTHENE
10U	FLUORENE
10U	HEXACHLOROBENZENE (HCB)
10U	HEXACHLOROBUTADIENE
10U	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	HEXACHLOROE1HANE
10U	INDENO (1,2,3-CD) PYRENE
10U	ISOPHORONE
10U	N-NITROSODI-N-PROPYLAMINE
10U	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	NAPHTHALENE
10U	NITROBENZENE
20u	PENTACHLOROPHENOL
10U	PHENANTHRENE
10U	PHENOL
10U	PYRENE

REMARKS

REMARKS

FOOTNOTES
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM OUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTLY
EPA-REGION IV ESD, ATHENS, GA. 03/31/94

PESTICIDES/PCB'S DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84239 SAMPLE TVPE: GROUNDWA PROG ELEM: SSF COLLECTED BST: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID: 32G02 COLLECTION START: 03/09/94 1530 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
0.50U	ALDRIN
0.50U	HEPTACHLOR
0.50U	HEPTACHLOR EPOXIDE
0.50U	ALPHA-BHC
0.50U	BETA-BHC
0.50U	GAMMA-BHC (LINDANE)
0.50U	DELTA-BHC
0.50U	ENDOSULFAN I (ALPHA)
0.50U	DIELDRIN
0.50U	4,4'-DDT (P,P'-DDT)
0.50U	4,4'-DDE (P,P'-DDE)
0.50U	4,4'-DDD (P,P'-DDD)
0.50U	ENDRIN
0.50U	ENDOSULFAN II (BETA)
0.50U	ENDOSULFAN SULFATE
1.0U	CHLORDANE (TECH. MIXTURE) /1
2.0U	PCB-1242 (AROCLOR 1242)
2.0U	PCB-1254 (AROCLOR 1254)
2.0U	PCB-1221 (AROCLOR 1221)

UG/L	ANALYTICAL RESULTS
2.0U	PCB-1232 (AROCLOR 1232)
2.0U	PCB-1248 (AROCLOR 1248)
2.0U	PCB-1260 (AROCLOR 1260)
2.0U	PCB-1016 (AROCLOR 1016)
20u	TOXAPHENE
--	CHLORDENE /2
--	ALPHA-CHLORDENE /2
--	BETA CHLORDENE /2
--	GAMMA-CHLORDENE /2
--	GAMMA-CHLORDANE /2
--	TRANS-NONACHLOR /2
--	ALPHA-CHLORDANE /2
--	CIS-NONACHLOR /2
--	OXYCHLORDANE (OCTACHLOR EPOXIDE) /2
1.0U	METHOXYCHLOR
0.50U	ENDRIN KETONE

REMARKS **REMARKS**

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 QUANTITATION LIMIT. C-CONFIRMED BV GC/MS
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS. 2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SPECIFIED ANALYSIS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84239 SAMPLE TVPE: GROUNDWA PROG ELEM: SSF COLLECTED BV: F SLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA ST: FL
STATION ID: 32G02 COLLECTION START: 03/09/94 1530 STOP: 00/00/00

RESULTS	UNITS	PARAMCTCR
4U	UG/L	CYANIDE

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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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REGION IV ESD, ATHENS, GA.

METALS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84239 SAMPLE TYPE; GROUNDWA PROG ELEM: SSF COLLECTED BY: FFSLOAN
SOURCE: NAS PENSACOLA CITY: PENSACOLA
STATION ID; 32G02 COLLECTION START: 03/09/94 1530 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS	MG/L	ANALYTICAL RESULTS
10U	SILVER	54	CALCIUM
30U	ARSENIC	1.7	MAGNESIUM
NA	BORON	1.6	IRON
30	BARIUM	8.6	SODIUM
5.0U	BERYLLIUM	2.0U	POTASSIUM
5.0U	CADMIUM		
10U	COBALT		
10U	CHROMIUM		
10U	COPPER		
10U	MOLYBDENUM		
20U	NICKEL		
5.0U	LEAD		
30U	ANTIMONY		
40U	SELENIUM		
25U	TIN		
190	STRONTIUM		
50U	TELLURIUM		
10U	TITANIUM		
100U	THALLIUM		
10U	VANADIUM		
10U	YTTRIUM		
10U	ZINC		
NA	ZIRCONIUM		
0.2U	MERCURY		
290	ALUMINUM		
69	MANGANESE		

***REMARKS++* **REMARKS* **

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

PURGEABLE ORGANICS DATA REPORT

PROJECT NO. 94-0323 SAMPLE NO. 84240 SAMPLE TYPE: BLKWA
SOURCE: NAS PENSACOLA
STATION ID: TB

PROG ELEM: SSF COLLECTED BY: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/10/94 0700 STOP: 00/00/00

UG/L	ANALYTICAL RESULTS
5.0U	CHLOROMETHANE
5.0U	VINYL CHLORIDE
5.0U	BROMOMETHANE
5.0U	CHLOROETHANE
5.0U	THICHLOROFLUOROMETHANE
5.0U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50U	ACETONE
12u	CARBON DISULFIDE
5.0U	METHYLENE CHLORIDE
5.0U	TRANS-1.2-DICHLOROETHENE
5.0U	1.1-DICHLOROETHANE
5.0U	CIS-1.2-DICHLOROETHENE
5.0U	2.2-DICHLOROPROPANE
50U	METHYL ETHYL KETONE
5.0U	BROMOCHLOROMETHANE
5.0U	CHLOROFORM
5.0U	1,1,1-TRICHLOROETHANE
5.0U	1.1-DICHLOROPROPENE
5.0U	CARBON TETRACHLORIDE
5.0U	1,2-DICHLOROETHANE
5.0U	BENZENE
5.0U	TRICHLOROETHENE(TRICHLOROETHYLENE)
5.0U	1.2-DICHLOROPROPANE
5.0U	DIBROMOMETHANE
5.0U	BROMODICHLOROMETHANE

UG/L	ANALYTICAL RESULTS
5.0U	CIS-1.3-DICHLOROPROPENE
12u	METHYL ISOBUTYL KETONE
5.0U	TOLUENE
5.0U	TRANS-1,3-DICHLOROPROPENE
5.0U	1.1.2-TRICHLOROETHANE
5.0U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5.0U	1,3-DICHLOROPROPANE
12u	METHYL BUTYL KETONE
5.0U	DIBROMOCHLOROMETHANE
5.0U	CHLOROBENZENE
5.0U	1.1.1.2-TETRACHLOROETHANE
5.0U	ETHYL BENZENE
5.0U	(M- AND/OR P-)XYLENE
5.0U	O-XYLENE
5.0U	STYRENE
5.0U	BROMOFORM
5.0U	BROMOBENZENE
5.0U	1.1.2.2-TETRACHLOROETHANE
5.0U	1.2.3-TRICHLOROPROPANE
5.0U	O-CHLOROTOLUENE
5.0U	P-CHLOROTOLUENE
5.0U	1.3-DICHLOROBENZENE
5.0U	1.4-DICHLOROBENZENE
5.0U	1.2-DICHLOROBENZENE

REMARKS

REMARKS

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SAMPLE AND ANALYSIS MANAGEMENT SVSTEY
EPA-REGION I V ESD, ATHENS, GA.

PURGEABLE ORGANICS DATA REPORT 04/05/94

PROJECT NO. 94-0323 SAMPLE NO. 84241 SAMPLE TVPE: SEDIMBLK
SOURCE: NAS PENSACOLA
STATION ID: TB2

PROG ELEM: SSF COLLECTED BV: F SLOAN
CITY: PENSACOLA ST: FL
COLLECTION START: 03/10/94 0710 STOP: 00/00/00

UG/KG	ANALVTICAL RESULTS
31U	CHLOROMETHANE
31U	VINYL CHLORIDE
31U	BROMOMETHANE
31U	CHLOROETHANE
31U	TRICHLOROFLUOROMETHANE
31U	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
310U	ACETONE
77U	CARBON DISULFIDE
31U	METHYLENE CHLORIDE
31U	TRANS-1,2-DICHLOROETHENE
31U	1,1-DICHLOROETHANE
31U	CIS-1,2-DICHLOROETHENE
31U	2,2-DICHLOROPROPANE
310U	METHVL ETHVL KETONE
31U	BROMOCHLOROMETHANE
31U	CHLOROFORM
31U	1,1,1-TRICHLOROETHANE
31U	1.1-DICHLOROPROPENE
31U	CARBON TETRACHLORIDE
31U	1.2-DICHLOROETHANE
31U	BENZENE
31U	TRICHLOROETHENE(TRICHLOROETHYLENE)
31U	1,2-DICHLOROPROPANE
31U	DIBROMOMETHANE
31U	BROMODICHLOROMETHANE

UG/KG	ANALVTICAL RESULTS
31U	CIS-1.3-DICHLOROPROPCNC
77U	METHYL ISOBUTYL KETONE
31U	TOLUENE
31U	TRANS-1,3-DICHLOROPROPENE
31U	1,1,2-TRICHLOROETHANE
31U	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
31U	1.3-DICHLOROPROPANE
77U	METHVL BUTYL KETONE
31U	DIBROMOCHLOROMETHANE
31U	CHLOROBENZENE
31U	1,1,1,2-TETRACHLOROETHANE
31U	ETHVL BENZENE
31U	(M- AND/OR P-)XYLENE
31U	O-XYLENE
31U	STVRENE
31U	BROMOFORM
31U	BROMOBENZENE
31U	1.1.2.2-TETRACHLOROETHANE
31U	1,2,3-TRICHLOROPROPANE
31U	O-CHLOROTOLUENE
31U	P-CHLOROTOLUENE
31U	1.3-DICHLOROBENZENE
31U	1.4-DICHLOROBENZENE
31U	1.2-DICHLOROBENZENE
10 0	PERCENT MOISTURE

FOOTNOTES
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