Tetra Tech EM Inc.

Gwinnett Corporate Center ◆ 1750 Corporate Drive, Suite 735 ◆ Norcross, GA 30093 ◆ (770) 935-1542 ◆ FAX (770) 935-9049

SITE: Mills Gap Rd
BREAK: 2.8
OTHER: V10

February 17, 2000

Ms. Barbara Caprita
On-Scene Coordinator
U.S. Environmental Protection Agency
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

Subject: **Trip Report**
Mills Gap Site
Skyland, Buncombe County, North Carolina
TDD No. 04-9909-0006

Dear Ms. Caprita:

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) is submitting one copy of the trip report prepared for the Mills Gap site in Skyland, Buncombe County, North Carolina.

If you have any questions or comments, or need additional copies of the report or logbook notes, please contact me at (770) 717-2300 or Marsh Duncan at (770) 717-2322.

Sincerely,

Tracy Poole

for R. Steve Pierce
START Leader

Enclosure

cc: Douglas Thompson, EPA Project Officer (letter only)
Marsh Duncan, START Project Manager
START File

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V. 2-040506

TRIP REPORT
MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 4 Emergency Response and Removal Branch
61 Forsyth Street, SW, 11th Floor
Atlanta, Georgia 30303

TDD No.	:	04-9909-0006
Date Prepared	:	February 17, 2000
Contract No.	:	68-W5-0021
Prepared by	:	Tetra Tech EM Inc.
START Project Manager	:	Marsh Duncan
Telephone No.	:	(770) 717-2322
EPA Task Monitor	:	Barbara Caprita
Telephone No.	:	(404) 562-8720

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B PHOTOGRAPHIC LOG
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TRIP REPORT
MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA

1.0 SITUATION

This trip report has been prepared in accordance with the requirements of Technical Direction Document (TDD) No. 04-9909-0006, which the U.S. Environmental Protection Agency (EPA) Region 4 assigned to the Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START). The scope of this TDD was to conduct sampling and document site activities and current conditions at the Mills Gap site in Skyland, Buncombe County, North Carolina. START was tasked to prepare a sampling plan, mobilize to the site, perform air monitoring and multimedia sampling, document on-site activities in a logbook (Appendix A), and prepare a trip report. This report summarizes the site history, sampling activities, on-site observations, and analytical results. Tables of analytical results are provided at the end of the report.

2.0 SITE BACKGROUND

The Mills Gap site (also known as CTS of Asheville, Inc.) is located on Mills Gap Road approximately 1 mile east of Skyland, Buncombe County, North Carolina (Figure 1). The facility is located in a sparsely populated area and occupies 57 acres. A large one-story brick structure is located at the northeast corner of the property, fronting Mills Gap Road. The building is situated on about 10 acres of level ground surrounded by a chain-link fence topped with barbed wire (Figure 2). South of the site property, a new residential subdivision is being developed. Construction of the new homes, which are located uphill of the facility, is visible from the site property. An existing residential area is located downhill and east of the site property.

The facility electroplated electrical components with tin, nickel, zinc, and silver from 1953 until 1986, when operations ceased. Wastes generated from the electroplating process included sludge containing heavy metals and solvents such as 1,1,1-trichlorethane, acetone, and ethyl acetate. Sulfuric acid and sodium hydroxide were also used in the electroplating process. Reportedly, acetone and metals from sludges were reclaimed when possible. Between 1953 and 1980, wastes that could not be reclaimed from the electroplating process were disposed of through the city sewer system. After 1980, wastes were stored in drums or tanks onsite prior to off-site disposal or recycling. On an annual basis, the facility produced approximately 44,440 pounds of sludge, 8,307 pounds of waste solvents, and 52,800 pounds of other waste organic chemicals. The available file material does not indicate whether wastes were disposed of on site.

TRIP REPORT
MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA

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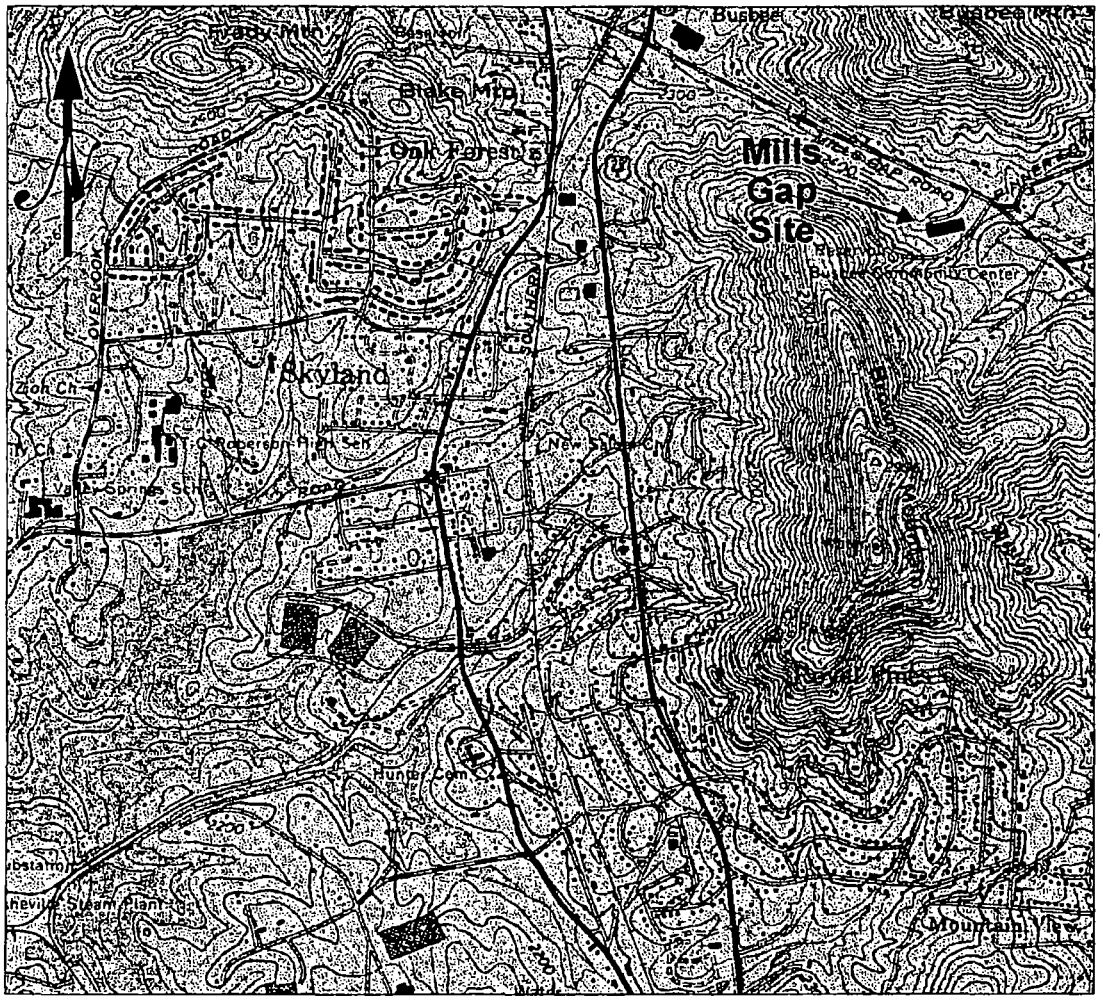

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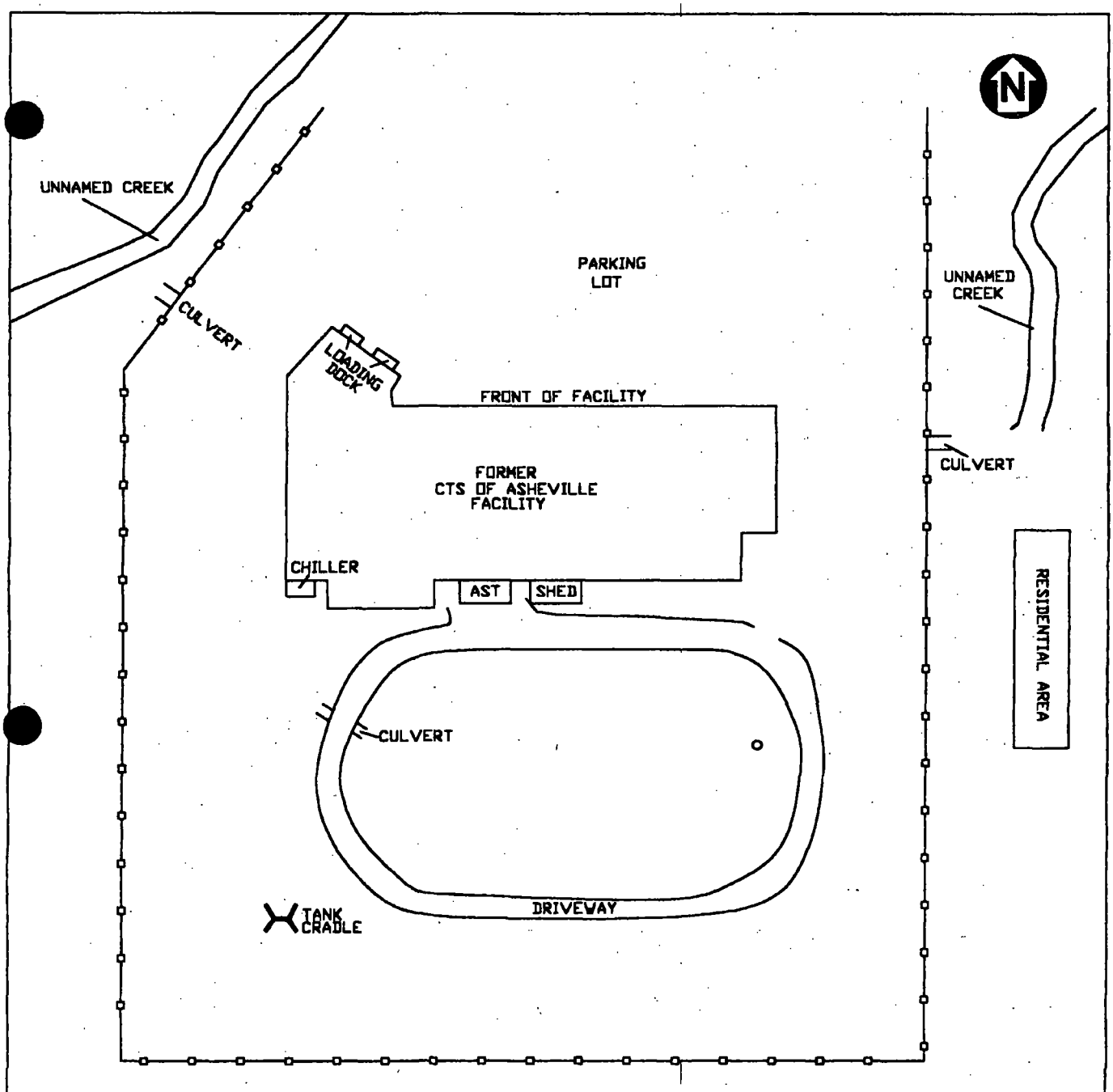
MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA
EPA ID No. NCD003149556
TDD No. 04-9909-0006

FIGURE 1
GENERAL SITE MAP



LEGEND

FENCELINE

AST ABOVEGROUND STORAGE TANK

MG MILLS GAP

NOT TO SCALE

MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA
TDD No. 04-9909-0006

FIGURE 2 - SITE LAYOUT MAP

TETRA TECH EM INC.

START

3.0 SUMMARY

On November 8, 1999, START personnel mobilized to the Mills Gap site and met On-Scene Coordinator (OSC) Barbara Caprita and the EPA Science and Ecosystem Support Division (SESD) contractor, Integrated Laboratory Services (ILS) to begin activities. START personnel and OSC Caprita conducted a site reconnaissance to identify site characteristics and potential sampling locations. The interior of the former CTS of Asheville building was toured and determined to be vacant. No drums, tanks, or vats were present inside the facility building; however, START and OSC Caprita did locate what was believed to be the former trichloroethene pit inside the facility building. A 5,000-gallon horizontal steel tank was located adajacent to the south side of the building and was determined to be empty. A storage tank cradle was discovered in a wooded area up hill from the facility building. The cradle could have been used to support a 500-gallon storage tank. Also noted throughout the site, was debris and rubbish consisting mostly of wood pallets, galvanized steel piping and ductwork, and empty paint cans. At the southwest corner of the site property, the fenceline provided support for an artificial soil embankment. At a lower elevation immediately outside of the fence, miscellaneous debris and polyethylene drums were observed to be buried against the fenceline.

During the reconnaissance of the facility property, START personnel and OSC Caprita identified several sampling locations inside the site property fenceline as well as downgradient locations at neighboring residences and off-site drainage pathways. The sampling locations were chosen to determine the extent of contamination and to identify potential pollution migration pathways.

From November 9, 1999 through November 11, 1999, START collected 10 surface and 19 subsurface soil samples and 3 sediment samples from 16 locations (Figure 3). ILS provided a van-mounted Geoprobe® to perform subsurface soil sampling. All surface soil samples and sediment samples were collected at a depth of 0 to 6 inches. Subsurface soil sample depths varied between sample locations depending on the ability of the Geoprobe® to penetrate subsurface materials. All sampling techniques were in accordance with the approved site-specific sampling plan and SESD *Environmental Investigations Standard Operating Procedures and Quality Assurance Manual* (EISOPQAM, 1996). All samples were processed on site and delivered via overnight courier to the appropriate EPA Contract Laboratory Program (CLP) laboratory.

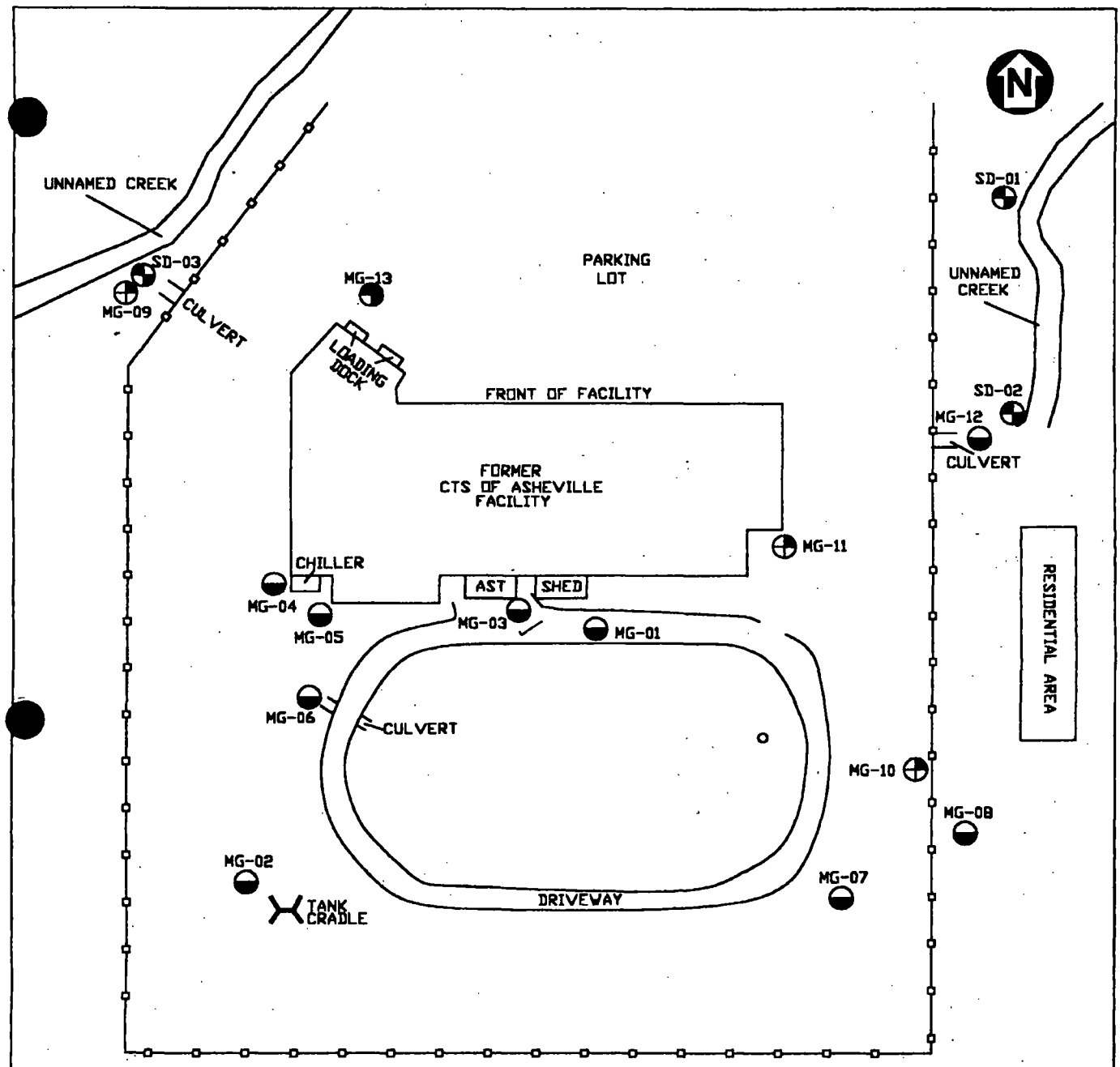
3.1 SOIL SAMPLING

START collected 29 soil samples from the site including 10 surface soil samples and 19 subsurface soil samples. The sampling locations were determined based on suspected areas of contamination, previous site investigations, and potential migration pathways. Each surface sample was collected at a depth of 0 to 6 inches, and the subsurface samples were collected from depths ranging from 2 to 23 feet. Specific-sample depths are listed in conjunction with the sample number in each of the analytical data summary tables (Tables 1 through 4). At the direction of the OSC, subsurface soil was sampled at 5 to 10 foot increments unless prohibited by subsurface conditions. At most locations, sampling depths were predicated on the sampling team's ability to penetrate subsurface materials. START used an organic vapor analyzer (OVA) and photoionization detector (PID) to perform air monitoring at each of the sampling locations. No elevated readings were detected with the air monitoring equipment. Sampling locations are identified on Figure 3.

Each soil sample was collected with a clean stainless-steel auger or Geoprobe® disposable core sleeve, stainless-steel spoon and bowl. Samples for volatile organic compound (VOC) analysis were placed in two 2-ounce clear glass jars with septa-sealed lids. Soils for pesticides and polychlorinated biphenyls (PCB), Target Analyte List (TAL) metals, and Target Compound List (TCL) analysis were placed in two 8-ounce clear glass jars. All decontamination procedures followed the guidelines in the *Environmental Protection Agency Standard Operating Procedures/ Quality Assurance Manual* (EPASOPQAM, 1996).

3.2 SEDIMENT SAMPLING

In addition to soil sampling, the OSC directed START to collect three sediment samples. Two of the samples (MG-01-SD and MG-02-SD) were collected from an unnamed stream at a neighboring residence downgradient from the site. The unnamed stream begins near the site perimeter at the outfall of a site drainage pipe. On a previous site visit, OSC Fred Stroud constructed a small dam designed to restrict the flow of fuel oil discovered in the stream. Standing water was present, and sample MG-02-SD contained a slight sheen in the sediment. The third sediment sample was collected outside the northwest perimeter of the site approximately 20 feet from the concrete drainage pipe outfall.



LEGEND

- FENCELINE
- AST ABOVEGROUND STORAGE TANK
- MG MILLS GAP
- SEDIMENT SAMPLE
- SURFACE AND SUBSURFACE SOIL SAMPLE
- SUBSURFACE SOIL SAMPLE
- SURFACE SOIL SAMPLE

NOT TO SCALE

MILLS GAP SITE
SKYLAND, BUNCOMBE COUNTY, NORTH CAROLINA
TDD No. 04-9909-0006

FIGURE 3 - SAMPLING LOCATION MAP

TETRA TECH EM INC.

START

Each sediment sample was collected with a stainless-steel clean spoon and bowl. The samples for the VOC analysis were placed in two 40-milliliter clear glass jars with septa-sealed lids. While samples for Target Compound List (TCL) analysis were placed in the two 8-ounce clear glass jars. Sampling locations are identified on Figure 3.

4.0 ANALYTICAL

In general, analytical results indicated low concentrations of target analytes. The inorganic analysis indicated that lead concentrations ranged from 3.9 to 100 parts per million (ppm). Arsenic levels ranged from 0 to 4.8 ppm. Chromium concentrations were estimated (J) from 7.4 J to 98 J ppm. Mercury concentrations ranged from 0 to 0.63 ppm, and zinc concentrations ranged from 13 to 640 ppm. The results of the inorganic analysis are summarized in Table 1. Trichloroethene was the highest VOC detected.. Trichloroethene was detected at 33,000 parts per billion (ppb) at sampling location MG-03-SBB. MG-03-SBB was sampled at a depth of 17 to 19 feet and was located approximately 28 feet from the facility building. The results of the VOC analysis are summarized in Table 2. Analysis for extractable organic compounds indicated that bis(2-ethylhexyl)phthalate ranged from 0 to 14,000 ppb, and 2-methylynaphthalene ranged from 0 to 23,000 ppb. Extractable organic analysis is summarized in Table 3. Analysis for pesticides and PCBs detected PCB 1260 at 240 ppb (MG-05-SS), 97 ppb (MG-06-SS) and 82 ppb (MG-03-SD). Pesticide and PCB analytical results are summarized in Table 4. The complete laboratory analytical report is provided in Appendix D.

5.0 CONCLUSION

Under the direction of the OSC, START conducted air monitoring, sampling activities, and provided documentation for the Mills Gap site investigation on November 9, 1999 through November 11, 1999. START documented site activities with written lognotes, diagrams, and still photographs. A site reconnaissance indicated that the former CTS building was empty. The building was used to electroplate electrical components with tin, nickel, zinc, and silver from 1952 until 1986. Potential pollution point source locations were identified, and areas of debris and rubbish were noted.

Soil and sediment samples were collected from 16 locations. Sampling locations were chosen based on suspected areas of contamination, potential migration pathways, and previous site investigations. Integrated Laboratory Services, an EPA SESD contractor, assisted START with subsurface sampling

by providing and operating a van-mounted Geoprobe®. All samples were collected in accordance with EISOPQAM, 1996, and shipped via overnight courier to the CLP laboratories on November 11, 1999.

Soil and sediment samples were analyzed for TAL Metals, VOCs, TCL, and pesticides and PCB constituents. In general, analytical results indicated low concentrations of the TCL and TAL analytes. Trichloroethene, a primary contaminate of concern, was detected at an elevated level in only one soil sample. Further activities at the site are to be determined by EPA. No further activities by START are anticipated under this TDD.

TABLE 1
SUMMARY OF INORGANIC ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte mg/kg	Sample No.	MG-01-SS	MG-01-SBA	MG-01-SBB	MG-02-SS	MG-02-SBA	MG-03-SS	MG-03-SBA	MG-03-SBB
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	10-11 ft	14-15 ft	0-6 in	5 ft	0-6 in	15 ft	17-19 ft
Metals									
Aluminium		15000 J	18000 J	22000 J	17000 J	27000 J	13000 J	19000 J	24000 J
Antimony		--	--	--	--	--	--	--	--
Arsenic		1.8 J	1.7 J	--	--	2.2 J	1.7 J	2.7 J	1.1 J
Barium		130 J	110 J	240 J	180 J	160 J	160 J	160 J	280 J
Beryllium		--	1.4	2.3	--	1.8	--	1.9	3.6
Cadmium		--	--	--	--	--	3	--	--
Calcium		800	2200	--	--	--	2000	--	920
Chromium		20 J	27 J	26 J	20 J	22 J	98 J	41 J	32 J
Cobalt		--	--	--	--	17 J	--	14 J	--
Copper		340 J	28 J	--	19 J	--	420 J	32 J	38J
Iron		22000 J	26000 J	25000 J	26000 J	27000 J	29000 J	34000 J	29000 J
Lead		11	11	3.6	4.9	3.9	100	7.8	9.7
Magnesium		4300 J	4300 J	5800 J	5700 J	5100 J	4900 J	7400 J	6900 J
Manganese		360 J	280 J	380 J	310 J	400 J	300 J	400 J	830 J
Mercury		0.15	--	--	--	--	0.41	--	--
Nickel		16 J	23 J	13 J	9.1 J	20 J	190 J	20 J	21 J
Potassium		6200 J	6000 J	8300 J	8400 J	5800 J	6200 J	8600 J	7000 J
Silver		15 J	30 J	--	--	--	48 J	--	5.8 J
Vanadium		31 J	32 J	34 J	29 J	32 J	39 J	43 J	39 J
Zinc		90	110	60	76	100	390	96	87
Cyanide		--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
mg/kg - milligrams per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 1 (continued)
SUMMARY OF INORGANIC ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte mg/kg	Sample No.	MG-04-SS	MG-04-SBA	MG-05-SS	MG-05-SBA	MG-06-SS	MG-06-SBA	MG-07-SS	MG-07-SBA
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	7 ft	0-6 in	6 ft	0-6 in	2 ft	0-6 in	4-6 ft
Metals									
Aluminium		33000 J	26000 J	24000 J	15000 J	36000 J	36000 J	15000	12000 J
Antimony		--	--	--	--	--	--	--	--
Arsenic		1.7 J	1.9 J	1.9 J	2.9 J	2.7 J	--	--	--
Barium		150 J	200 J	180 J	160 J	210 J	170 J	130	76 J
Beryllium		2.6	2.8	2.4	2.2	3.7	3.1	--	1.2
Cadmium		--	--	--	--	--	--	--	--
Calcium		--	--	--	--	890	--	--	--
Chromium		40 J	22 J	24 J	16 J	41 J	19 J	21 J	22 J
Cobalt		18 J	12 J	--	19 J	20 J	--	--	--
Copper		84 J	25 J	56 J	--	40 J	9.1 J	19 J	12 J
Iron		42000 J	27000 J	32000 J	28000 J	39000 J	16000 J	26000	27000 J
Lead		19	8.7	14	11	13	11	9.3	10
Magnesium		6600 J	5700 J	5600 J	5000 J	7100 J	4000 J	4100	2800 J
Manganese		560 J	400 J	310 J	420 J	620 J	340 J	200	220 J
Mercury		0.13	--	0.9	--	0.39	--	--	--
Nickel		39 J	12 J	160 J	16 J	150 J	18 J	9.6	9.4 J
Potassium		8100 J	7800 J	600 J	7000 J	7700 J	3800 J	5800	4000 J
Silver		44 J	--	76 J	3.7 J	130 J	--	8.2 J	--
Vanadium		58 J	33 J	38 J	26 J	47 J	23 J	29 J	30 J
Zinc		140	76	170	79	150	60	62	52
Cyanide		--	--	--	--	0.64	--	--	--

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TABLE 1 (continued)
SUMMARY OF INORGANIC ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte mg/kg	Sample No.	MG-07-SBB	MG-07-SBC	MG-08-SS	MG-08-SBA	MG-09-SBA	MG-10-SBA	MG-10-SBB	MG-11-SBA
	Sampling Date	11/09/1999	11/10/1999	11/09/1999	11/09/1999	11/09/1999	11/10/1999	11/10/1999	11/10/1999
	Sample Depth	10-12 ft	15-17 ft	0-6 in	2 ft	6 ft	9-11 ft	21-23 ft	7-9 ft
Metals									
Aluminium		14000 J	16000	6900	12000	29000	9200	16000	18000
Antimony		--	--	--	--	--	--	--	--
Arsenic		--	0.67	2.6	3	2.6	--	--	--
Barium		130 J	140	65	63	81	110	160	79
Beryllium		--	1.8	--	--	2.3	--	1.3	3.7
Cadmium		--	--	--	--	--	--	--	--
Calcium		--	--	--	--	--	--	--	--
Chromium		28 J	22 J	12 J	15 J	54 J	24 J	26 J	61 J
Cobalt		--	23	--	--	23	--	16	41
Copper		18 J	5.2 J	8.2 J	5.1 J	39 J	9.1 J	16 J	83 J
Iron		28000 J	30000	8000	15000	49000	22000	43000	63000
Lead		13	16	19	81	15	9	14	12
Magnesium		3300 J	4600	370	390	4400	2000	4600	3300
Manganese		580 J	890	60	100	1300	280	640	1300
Mercury		--	--	--	--	--	--	--	--
Nickel		11 J	16	10	5	23	6.4	16	27
Potassium		5300 J	6500	440	500	4000	2900	6300	3800
Silver		3.3 J	--	6.1 J	--	35 J	--	--	2.8 J
Vanadium		32 J	33 J	14 J	25 J	56 J	31 J	45 J	62 J
Zinc		61	78	56	41	96	27	58	66
Cyanide		--	--	--	--	--	--	--	--

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TABLE 1 (continued)
SUMMARY OF INORGANIC ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte mg/kg	Sample No.	MG-11-SBB	MG-11-SBC	MG-12-SS	MG-12-SBA	MG-13-SS	MG-01-SD	MG-02-SD	MG-03-SD
	Sampling Date	11/10/1999	11/10/1999	11/11/1999	11/11/1999	11/11/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	14-16 ft	23-25 ft	0-6 in	5-8 ft	0-6 in	0-6 in	0-6 in	0-6 in
Metals									
Aluminium		18000	20000	17000	12000	12000	5100 J	5000 J	30000 J
Antimony		--	--	--	--	--	--	--	--
Arsenic		1.4	4.8	3.2	--	--	--	--	2.8 J
Barium		110	130	140	46	88	55 J	38 J	160 J
Beryllium		2.9	3.8	--	--	--	--	--	2.4
Cadmium		--	--	--	--	--	--	--	--
Calcium		--	--	--	--	1700	--	--	940
Chromium		38 J	38 J	14 J	16 J	22 J	7.4 J	8.2 J	59 J
Cobalt		27	39	--	--	--	--	--	16 J
Copper		64 J	58 J	8.2 J	6.3 J	35 J	--	--	97 J
Iron		41000	37000	12000	8900	17000	2100 J	2400 J	43000 J
Lead		12	9.8	21	6.8	5.5	9.8	5.4	37
Magnesium		3900	4400	820	460	3900	430 J	840 J	6500 J
Manganese		920	1300	1000	39	210	27 J	21 J	350 J
Mercury		--	--	--	--	--	--	--	0.63
Nickel		24	18	8.8	3.8	22	--	--	49 J
Potassium		4800	4800	770	570	3400	490 J	680 J	6500 J
Silver		--	--	4.4 J	--	11 J	--	--	67 J
Vanadium		46 J	39 J	24 J	25 J	27 J	--	--	53 J
Zinc		82	99	34	17	69	17	13	640
Cyanide		--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
mg/kg - milligrams per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 2
SUMMARY OF VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-01-SS	MG-01-SBA	MG-01-SBB	MG-02-SS	MG-02-SBA	MG-03-SS	MG-03-SBA	MG-03-SBB	MG-04-SS
	Sampling Date	11/9/99	11/9/99	11/9/99	11/9/99	11/9/99	11/9/99	11/9/99	11/9/99	11/9/99
	Sample Depth	0-6 in	10-11 ft	14-15 ft	0-6 in	5 ft	0-6 in	15 ft	17-19 ft	0-6 in
Volatile Organic Compounds										
Acetone		--	--	--	--	--	--	--	--	--
1,1-Dichloroethane		--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene		--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane		--	--	--	--	--	--	--	--	--
Benzene		--	--	--	--	--	--	--	--	--
Trichloroethene (Trichloroethylene)		3 J	--	--	--	--	11 J	3 J	33000	--
Methycyclohexane		--	--	--	--	--	--	--	280 J	--
Toluene		--	--	--	--	--	--	--	--	--
Tetrachloroethene (Tetrachloroethylene)		--	--	--	--	--	--	--	310 J	--
Ethyl Benzene		--	--	--	--	--	--	--	41 J	--
Total Xylenes		--	--	--	--	--	--	--	380 J	--
Isopropylbenzene		--	--	--	--	--	--	--	180 J	--
2 Laboratory Artifacts		97 J	130 J	130 J	70 J	--	28 J	--	--	64 J
6 Unknown Compounds		--	--	540 J	--	--	--	--	55000 J	--
Laboratory Artifact		--	--	--	--	--	--	--	--	--
5 Unknown Compounds		--	--	--	--	--	--	--	--	--
11 Unknown Compunds		--	--	--	--	--	--	--	--	--
3 Laboratory Artifacts		--	--	--	--	--	--	--	--	--
4 Laboratory Artifacts		--	--	--	--	230 J	--	270 J	--	--
14 Unknown Compounds		--	--	--	--	--	--	--	--	--
2 Unknown Alkenes		--	--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 2 (continued)
SUMMARY OF VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-04-SBA	MG-05-SS	MG-05-SBA	MG-06-SS	MG-06-SBA	MG-07-SS	MG-07-SBA	MG-07-SBB	MG-07-SBC
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/10/1999
	Sample Depth	7 ft	0-6 in	6 ft	0-6 in	2 ft	0-6 in	4-6 ft	10-12 ft	15-17 ft
Volatile Organic Compounds										
Acetone		--	--	--	--	--	--	--	--	--
1,1-Dichloroethane		--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene		--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane		--	--	--	--	--	--	--	--	--
Benzene		--	--	--	--	--	--	--	--	--
Trichloroethene (Trichloroethylene)		--	29	--	--	--	--	--	--	--
Methycyclohexane		--	--	--	--	--	--	--	--	--
Toluene		--	--	--	--	--	--	--	--	--
Tetrachloroethene (Tetrachloroethylene)		--	--	--	--	--	--	--	--	--
Ethyl Benzene		--	--	--	--	--	--	--	--	--
Total Xylenes		--	--	--	--	--	--	--	--	--
Isopropylbenzene		--	--	--	--	--	--	--	--	--
2 Laboratory Artifacts		--	100 J	--	29 J	--	--	--	220 J	--
6 Unknown Compounds		--	--	--	--	--	--	--	--	--
Laboratory Artifact		--	--	--	--	--	--	--	--	--
5 Unknown Compounds		--	--	--	--	--	--	--	--	--
11 Unknown Compunds		--	--	--	--	--	--	--	--	--
3 Laboratory Artifacts		--	--	120 J	--	--	300 J	220 J	--	270 J
4 Laboratory Artifacts		270 J	--	--	--	300 J	--	--	--	--
14 Unknown Compounds		--	--	--	--	--	--	--	--	--
2 Unknown Alkenes		--	--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 2 (continued)
SUMMARY OF VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-08-SS	MG-08-SBA	MG-09-SBA	MG-10-SBA	MG-10-SBB	MG-11-SBA	MG-11-SBB	MG-11-SBC	MG-12-SS
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/10/1999	11/10/1999	11/10/1999	11/10/1999	11/10/1999	11/11/1999
	Sample Depth	0-6 in	2 ft	6 ft	9-11 ft	21-23 ft	7-9 ft	14-16 ft	23-25 ft	0-6 in
Volatile Organic Compounds										
Acetone		--	--	--	--	--	--	--	--	--
1,1-Dichloroethane		--	--	--	--	--	--	--	--	--
Cis-1,2-Dichloroethene		--	--	--	--	--	--	--	--	--
1,1,1,-Trichloroethane		--	--	--	--	--	--	--	--	--
Benzene		--	--	--	--	--	--	--	--	--
Trichloroethene (Trichloroethylene)		--	--	--	--	--	--	--	--	--
Methycyclohexane		--	--	--	--	--	--	--	--	--
Toluene		--	--	--	--	--	--	--	--	--
Tetrachloroethene (Tetrachloroethylene)		--	--	--	--	--	--	--	--	--
Ethyl Benzene		--	--	--	--	--	--	--	--	--
Total Xylenes		--	--	--	--	--	--	--	--	--
Isopropylbenzene		--	--	--	--	--	--	--	--	--
2 Laboratory Artifacts		--	--	45 J	--	--	--	200 J	150 J	--
6 Unknown Compounds		--	--	--	--	--	--	--	--	--
Laboratory Artifact		--	--	--	--	--	--	--	--	--
5 Unknown Compounds		--	--	--	--	--	--	--	--	--
11 Unknown Compunds		--	--	--	--	--	--	--	--	--
3 Laboratory Artifacts		--	350 J	--	500 J	390 J	270 J	--	--	180 J
4 Laboratory Artifacts		230 J	--	--	--	--	--	--	--	--
14 Unknown Compounds		--	--	--	--	--	--	--	--	--
2 Unknown Alkenes		--	--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 2 (continued)
SUMMARY OF VOLATILE ORGANIC COMPOUNDS ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-12-SBA	MG-13-SS	MG-01-SD	MG-02-SD	MG-03-SD
	Sampling Date	11/11/1999	11/11/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	5-8 ft	0-6 in	0-6 in	0-6 in	0-6 in
Volatile Organic Compounds						
Acetone		270 J	--	--	--	--
1,1-Dichloroethane		--	--	2 J	--	--
Cis-1,2-Dichloroethene		--	--	88.0	46 J	--
1,1,1-Trichloroethane		170 J	--	2 J	120 J	--
Benzene		--	--	10 J	--	--
Trichloroethene (Trichloroethylene)		910 J	--	4 J	17 J	12 J
Methycyclohexane		180 J	--	14 J	630 J	--
Toluene		--	--	22.0	--	--
Tetrachloroethene (Tetrachloroethylene)		--	--	--	--	--
Ethyl Benzene		6 J	--	7 J	290 J	--
Total Xylenes		--	--	33	970 J	--
Isopropylbenzene		--	--	7 J	240 J	--
2 Laboratory Artifacts		--	160 J	--	--	--
6 Unknown Compounds		--	--	--	--	--
Laboratory Artifact		--	--	12 J	--	--
5 Unknown Compounds		--	--	430 J	--	--
11 Unknown Compunds		--	--	--	310000 J	--
3 Laboratory Artifacts		--	--	--	--	55 J
4 Laboratory Artifacts		--	--	--	--	--
14 Unknown Compounds		22000 J	--	--	--	--
2 Unknown Alkenes		1200 J	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft - feet

TABLE 3
SUMMARY OF EXTRACTABLE ORGANIC COMPOUND ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-01-SS	MG-01-SBA	MG-01-SBB	MG-02-SS	MG-02-SBA	MG-03-SS	MG-03-SBA	MG-03-SBB
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	10-11 ft	14-15 ft	0-6 in	5 ft	0-6 in	15 ft	17-19 ft
Extractables									
Benzaldehyde		--	--	--	--	--	100 J	--	--
Bis(2-ethylhexyl) phthalate		3000	--	--	--	--	4600	--	7400
Flouranthene		39 J	--	--	--	--	160 J	--	--
Napthalene		--	--	--	--	--	--	1200	1000
2-Methylynaphthalene		--	--	--	--	--	--	17000	23000
1,1-Biphenyl		--	--	--	--	--	--	--	1300
Flourene		--	--	--	--	--	--	--	410 J
Carbazole		--	--	--	--	--	--	--	--
Phenanthrene		--	--	--	--	--	--	410	--
Pyrene		--	--	--	--	--	180 J	96 J	120 J
Benzo(a)anthracene		--	--	--	--	--	--	--	--
Chrysene		--	--	--	--	--	230 J	--	--
Benzo(b)flouranthene		--	--	--	--	--	150 J	--	--
Benzo(k)flouranthene		--	--	--	--	--	130 J	--	--
Benzo-a-pyrene		--	--	--	--	--	170 J	--	--
Indeno (1,2,3-cd) pyrene		--	--	--	--	--	100 J	--	--
Dibenzo (a,h) anthracene		--	--	--	--	--	220 J	--	--
Benzo(ghi)perylene		--	--	--	--	--	120 J	--	--
Anthracene		--	--	--	--	--	--	2100	3600
Acetophenone		--	--	--	--	--	--	--	--
Di-n-butylphthalate		--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated

µg/Kg - micrograms per kilograms

MG - Mills Gap site

SS - Surface soil sample

SB - First subsurface soil interval per location

SBB - Second subsurface soil interval per location

SBC - Third subsurface soil interval per location

(--) - Constituents analyzed for but not detected

in - inches

ft- feet

TABLE 3 (continued)
SUMMARY OF EXTRACTABLE ORGANIC COMPOUND ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-04-SS	MG-04-SBA	MG-05-SS	MG-05-SBA	MG-06-SS	MG-06-SBA	MG-07-SS	MG-07-SBA
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	7 ft	0-6 in	6 ft	0-6 in	2 ft	0-6 in	4-6 ft
Extractables									
Benzaldehyde		--	--	--	56 J	--	--	--	--
Bis(2-ethylhexyl) phthalate		--	--	2100	--	--	--	2700	--
Flouranthene		--	--	--	--	--	--	--	--
Napthalene		--	--	62 J	--	120 J	--	--	--
2-Methylynaphthalene		--	--	--	--	--	--	--	--
1,1-Biphenyl		--	--	--	--	--	--	--	--
Flourene		--	--	--	--	--	--	--	--
Carbazole		--	--	--	--	--	--	--	--
Phenanthrene		--	--	--	--	--	--	--	--
Pyrene		--	--	--	--	--	--	--	--
Benzo(a)anthracene		--	--	--	--	--	--	--	--
Chrysene		--	--	--	--	--	--	--	--
Benzo(b)flouranthene		--	--	--	--	--	--	--	--
Benzo(k)flouranthene		--	--	--	--	--	--	--	--
Benzo-a-pyrene		--	--	--	--	--	--	--	--
Indeno (1,2,3-cd) pyrene		--	--	--	--	--	--	--	--
Dibenzo (a,h) anthracene		--	--	--	--	--	--	--	--
Benzo(ghi)perylene		--	--	--	--	--	--	--	--
Anthracene		--	--	--	--	--	--	--	--
Acetophenone		--	--	120 J	--	--	--	--	--
Di-n-butylphthalate		450	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
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SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 3 (continued)
SUMMARY OF EXTRACTABLE ORGANIC COMPOUND ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-07-SBB	MG-07-SBC	MG-08-SS	MG-08-SBA	MG-09-SBA	MG-10-SBA	MG-10-SBB	MG-11-SBA
	Sampling Date	11/09/1999	11/10/1999	11/09/1999	11/09/1999	11/09/1999	11/10/1999	11/10/1999	11/10/1999
	Sample Depth	10-12 ft	15-17 ft	0-6 in	2 ft	6 ft	9-11 ft	21-23 ft	7-9 ft
Extractables									
Benzaldehyde		--	--	420	110 J	--	--	--	3100 J
Bis(2-ethylhexyl) phthalate		--	570 J	--	--	610 J	--	--	--
Flouranthene		--	--	--	--	--	--	--	--
Napthalene		--	--	--	--	--	--	--	--
2-Methylynaphthalene		--	--	--	--	--	--	--	--
1,1-Biphenyl		--	--	--	--	--	--	--	--
Flourene		--	--	--	--	--	--	--	--
Carbazole		--	--	--	--	--	--	--	--
Phenanthrene		--	--	--	--	--	--	--	--
Pyrene		--	--	--	--	--	--	--	--
Benzo(a)anthracene		--	--	--	--	--	--	--	--
Chrysene		--	--	--	--	--	--	--	--
Benzo(b)flouranthene		--	--	--	--	--	--	--	--
Benzo(k)flouranthene		--	--	--	--	--	--	--	--
Benzo-a-pyrene		--	--	--	--	--	--	--	--
Indeno (1,2,3-cd) pyrene		--	--	--	--	--	--	--	--
Dibenzo (a,h) anthracene		--	--	--	--	--	--	--	--
Benzo(ghi)perylene		--	--	--	--	--	--	--	--
Anthracene		--	--	--	--	--	--	--	--
Acetophenone		--	--	--	--	--	--	--	--
Di-n-butylphthalate		--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 3 (continued)
SUMMARY OF EXTRACTABLE ORGANIC COMPOUND ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-11-SBB	MG-11-SBC	MG-12-SS	MG-12-SBA	MG-13-SS	MG-01-SD	MG-02-SD	MG-03-SD
	Sampling Date	11/10/1999	11/10/1999	11/11/1999	11/11/1999	11/11/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	14-16 ft	23-25 ft	0-6 in	5-8 ft	0-6 in	0-6 in	0-6 in	0-6 in
Extractables									
Benzaldehyde		760 J	--	--	--	--	--	--	--
Bis(2-ethylhexyl) phthalate		--	--	500 J	--	--	--	--	14000
Flouranthene		52 J	--	210 J	--	--	62 J	--	130 J
Napthalene		--	--	--	2100 J	--	1500	1200	--
2-Methylynaphthalene		--	--	--	14000	--	4600	9500	--
1,1-Biphenyl		--	--	--	1100 J	--	430 J	--	--
Flourene		--	--	--	990 J	--	1500	2700	--
Carbazole		--	--	--	--	--	86 J	--	--
Phenanthrene		--	--	72 J	2200 J	--	--	2800	53 J
Pyrene		--	--	120 J	--	--	--	240 J	150 J
Benzo(a)anthracene		--	--	--	--	--	--	--	81 J
Chrysene		--	--	47 J	--	--	--	--	130 J
Benzo(b)flouranthene		--	--	59 J	--	--	--	--	180 J
Benzo(k)flouranthene		--	--	--	--	--	--	--	87 J
Benzo-a-pyrene		--	--	--	--	--	--	--	88 J
Indeno (1,2,3-cd) pyrene		--	--	--	--	--	--	--	120 J
Dibenzo (a,h) anthracene		--	--	--	--	--	--	--	--
Benzo(ghi)perylene		--	--	--	--	--	--	--	--
Anthracene		--	--	--	--	--	--	--	--
Acetophenone		--	--	--	--	41 J	--	--	--
Di-n-butylphthalate		--	--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 4
SUMMARY OF PESTICIDE / POLYCHLORINATED BIPHENYL ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-01-SS	MG-01-SBA	MG-01-SBB	MG-02-SS	MG-02-SBA	MG-03-SS	MG-03-SBA
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	10-11 ft	14-15 ft	0-6 in	5 ft	0-6 in	15 ft
Pesticides/Polychorinated Biphenyls								
Heptachlor		--	--	--	--	--	--	7.8
Endosulfan i (alpha)		--	--	--	--	--	--	--
Dieldrin		--	--	--	--	1.3 J	--	19.0
4,4'-DDE (p,p'-DDE)		--	--	--	--	--	--	--
Endrin		--	--	--	--	--	--	--
Endosulfan ii (beta)		--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)		--	--	--	--	--	--	--
Endosulfan sulfate		--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)		--	--	--	--	--	--	--
Methoxychlor		--	--	--	--	--	--	--
Endrin ketone		0.43 J	--	--	--	--	--	--
Endrin Aldehyde		--	--	--	--	--	--	18 J
PCB 1260 (Aroclor 1260)		--	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 4 (continued)
SUMMARY OF PESTICIDE / POLYCHLORINATED BIPHENYL ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-03-SBB	MG-04-SS	MG-04-SBA	MG-05-SS	MG-05-SBA	MG-06-SS	MG-06-SBA
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	17-19 ft	0-6 in	7 ft	0-6 in	6 ft	0-6 in	2 ft
Pesticides / Polychorinated Biphenyls								
Heptachlor		--	--	--	--	--	--	--
Endosulfan i (alpha)		--	--	--	--	--	--	--
Dieldrin		--	--	--	--	--	--	--
4,4'-DDE (p,p'-DDE)		--	--	--	1.8 J	--	--	--
Endrin		--	--	--	--	--	--	--
Endosulfan ii (beta)		--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)		--	--	--	--	--	--	--
Endosulfan sulfate		--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)		--	--	--	--	--	--	--
Methoxychlor		--	--	--	8.6 J	--	--	--
Endrin ketone		--	--	--	--	0.88 J	--	--
Endrin Aldehyde		--	--	--	--	--	--	--
PCB 1260 (Aroclor 1260)		--	--	--	240.0	--	97.0	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 4 (continued)
SUMMARY OF PESTICIDE / POLYCHLORINATED BIPHENYL ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-07-SS	MG-07-SBA	MG-07-SBB	MG-07-SBC	MG-08-SS	MG-08-SBA	MG-09-SBA
	Sampling Date	11/09/1999	11/09/1999	11/09/1999	11/10/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	4-6 ft	10-12 ft	15-17 ft	0-6 in	2 ft	6 ft
Pesticides /Polychorinated Biphenyls								
Heptachlor		--	--	--	--	--	--	--
Endosulfan i (alpha)		--	--	--	--	--	--	--
Dieldrin		--	--	--	--	2.6 J	--	--
4,4'-DDE (p,p'-DDE)		--	--	--	--	--	--	--
Endrin		--	--	--	--	3.7 J	--	--
Endosulfan ii (beta)		--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)		--	--	--	--	--	--	--
Endosulfan sulfate		--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)		--	--	--	--	--	--	--
Methoxychlor		--	--	--	--	--	--	--
Endrin ketone		--	--	--	--	--	--	--
Endrin Aldehyde		--	--	--	--	--	--	--
PCB 1260 (Aroclor 1260)		42.0	--	--	--	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 4 (continued)
SUMMARY OF PESTICIDE / POLYCHLORINATED BIPHENYL ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-10-SBA	MG-10-SBB	MG-11-SBA	MG-11-SBB	MG-11-SBC	MG-12-SS	MG-12-SBA
	Sampling Date	11/10/1999	11/10/1999	11/10/1999	11/10/1999	11/10/1999	11/11/1999	11/11/1999
	Sample Depth	9-11 ft	21-23 ft	7-9 ft	14-16 ft	23-25 ft	0-6 in	5-8 ft
Pesticides/Polychorinated Biphenyls								
Heptachlor		--	--	--	--	--	--	--
Endosulfan i (alpha)		--	--	--	--	--	--	--
Dieldrin		--	--	--	--	--	--	--
4,4'-DDE (p,p'-DDE)		--	--	--	--	--	--	--
Endrin		--	--	--	--	--	--	--
Endosulfan ii (beta)		--	--	--	--	--	--	--
4,4'-DDD (p,p'-DDD)		--	--	--	--	--	--	--
Endosulfan sulfate		--	--	--	--	--	--	--
4,4'-DDT (p,p'-DDT)		--	--	--	--	--	5.7	--
Methoxychlor		--	--	--	--	--	--	--
Endrin ketone		--	--	--	--	--	--	--
Endrin Aldehyde		--	--	--	--	--	--	--
PCB 1260 (Aroclor 1260)		--	--	--	6.6 J	--	--	--

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

TABLE 4 (continued)
SUMMARY OF PESTICIDE / POLYCHLORINATED BIPHENYL ANALYTICAL RESULTS
MILLS GAP SITE, SKYLAND, NORTH CAROLINA

Analyte µg/kg	Sample No.	MG-13-SS	MG-01-SD	MG-02-SD	MG-03-SD
	Sampling Date	11/11/1999	11/09/1999	11/09/1999	11/09/1999
	Sample Depth	0-6 in	0-6 in	0-6 in	0-6 in
Pesticides/Polychorinated Biphenyls					
Heptachlor		--	--	--	--
Endosulfan i (alpha)		--	--	--	1.0 J
Dieldrin		--	--	--	--
4,4'-DDE (p,p'-DDE)		--	--	--	--
Endrin		--	--	--	--
Endosulfan ii (beta)		--	--	--	--
4,4'-DDD (p,p'-DDD)		--	17 J	--	--
Endosulfan sulfate		--	--	7.4 J	--
4,4'-DDT (p,p'-DDT)		--	--	--	--
Methoxychlor		--	--	--	--
Endrin ketone		--	--	--	--
Endrin Aldehyde		--	--	--	--
PCB 1260 (Aroclor 1260)		--	--	--	82.0

(J) - analyte concentration is estimated
µg/Kg - micrograms per kilograms
MG - Mills Gap site
SS - Surface soil sample
SB - First subsurface soil interval per location
SBB - Second subsurface soil interval per location
SBC - Third subsurface soil interval per location
(--) - Constituents analyzed for but not detected
in - inches
ft- feet

CONTENTS

PAGE	REFERENCE	DATE

Monday, November 8, 1999
1030 START personnel depart from the START office, enroute to Skyland, NC
1415 START arrives in Skyland, NC and meet with OSC Barbara Caprita.
1450 START, OSC Caprita and SESD contractor arrive at the Mills Gap Site.
1550 START and OSC Caprita have toured the inside of the former CTS of Asheville facility building, OSC Caprita stated that the facility building is currently being utilized for warehousing, however, during the walk through, the building is currently vacant. There are no drums or tanks/vats present inside the facility building, however, START and OSC Caprita did locate the former TCE pit inside the building. START, OSC Caprita and SESD contractor to begin flagging sample locations on the facility property.
1700 START, SESD and ~~OSC~~ OSC Caprita have flagged numerous locations for sampling activities to be conducted tomorrow.

1720 START, SESD Contractor, OSC Caprita discuss Sampling Strategy for Geoprobe sample location and the expectation for sample collection in location where Geoprobe could not obtain access to.

1730 START, SESD, OSC Caprita offsite for the day.

11/8/99

Tuesday, November 9, 1999

0700 START members David Brown, Tim Neal and Marsh Duncan, and OSC Barbara Caprita arrive at the Mills Gap site (a.k.a. CTS of Asheville) the weather is clear, temperature is 43°F., forecast is for sunny skies, high temp to reach 73°F.

0730 Tim Neal calibrates the PID START members and Integrated Laboratory Systems members Greg Clifton and ~~Mark~~ DG Martin Allen set up decon area for GeoProbe activities.

0825 START member Neal Collects the MG-01-SS surface soil from 0"-6" depth, soil consists of silty clay, with gravel mixed in, soil brown in color, no visible discoloration or odor, sample collected across the driveway, (side of drive) from the shed adjacent to facility building. The coordinates for the sample location: 35°29'57" North, 82°30'45" west, as per the AccuNav Sport GPS system.

0840 Integrated Laboratory Systems (ILS) begin Geoprobe activities at MG-01-SS location.

0850 ILS personnel having trouble with Geoprobe due to hydraulic fluid leak, they are going to move the unit away from the driveway and closer to the hillside.

0915 ILS has moved Geoprobe unit over to the hillside, approximately 3 feet from MG-01-SS location, they have advanced to 8 foot depth.

0900 START member Neal goes over to the Rice residence and collects the MG-01-SD sample from driveway area, ground is saturated, sample collected from 0"-5" depth, sediment consists of brown colored silty sediment, no discoloration, no odor.

0915 START collects the MG-02-SD sediment sample at the drainage pipe outfall which drains the Mills Gap Site property and flow continues onto the Rice residence property and continues through the property as an unnamed stream. At a previous site visit, OSC Fred Strand constructed a dam on the stream on the Rice property, as fuel oil was observed in the stream

0916 There is water currently standing/flowing in the stream, there is an oily sheen on the surface water with a slight odor. The MG-02-SD sample had a slight sheen in the sediment, slight fuel oil odor also.

0945 ILS personnel have advanced core sleeve to 10 feet below ground surface (bgs), volatiles sample collected at 10 foot depth, the remainder of the sample will be collected from 10-12 foot interval, sample code: MG-01-SBA.

1000 ILS personnel retrieve core sleeve from 10'-11' depth, metals, pest, PCB sample, collected, sample consists of light brown colored sand, no discoloration or odor.

1045 START collects the MG-03-SD sample from the concrete drainage outfall located on the northern portion of the facility property (northwest), sediment consists of dark colored sediment, with no odor. The drainage outfall is concrete, the sample was collected where the concrete ended, ≈ 20 feet from outfall.

1050 START collects the MG-01-SBB sample. ILS retreived the core sleeve from 14'-15' depth. Soil consists of light brown colored sand no discoloration no odor.

Note: START member Duncan collects the MG-02-SS sample at 10:25 which was collected at the area behind the facility ontop of the hill where a metal cradle was discovered. START estimates that perhaps a 500-gallon tank ~~was~~ once sat, sample collected directly infront of the cradle. Soil consists of dark colored sand, no discoloration, no odor, Soil collected from 6" depth.

Note: In order to compete the sample collection, at the MG-01-SBB sample interval, ILS personnel had to retreive additional sample volume, the additional volume has a fuel oil odor coming from it

1125 START collects the MG-02-SBA sample from same location as MG-02-SS, sample collected from 5' depth, soil consists of dark brown sand with no discoloration or odor.

1300 ILS personnel are at the MG-03-SS, MG-03-SB sample location which is located within approximately 5 feet of a large empty storage tank located adjacent to the facility building, the tank is approximately 5,000 gallon in size. The coordinates: 35°29'59" North 82°30'45" West.

1315 ILS personnel retreive core sleeve from 15' interval. START collects the sample, soil consists of light brown colored sand, there is visible staining, appears to be petroleum product, slight odor. Photograph taken of sample collection. Doug Rumford North Carolina Dept of Natural Resources arrived onsite ≈ 10:00 and is still present onsite observing Geoprobe sampling activities. The sample location code is MG-03-SBA. This location is also 28' from facility building.

1345 START collects the MG-03-SS surface soil from 6" depth adjacent to the MG-03-SB borehole, soil consists of dark colored soil with organics mixed in

Note: 1310 START collects the MG-05-SS 6" depth, sample collected from adjacent to northwest corner of facility building directly below an oil spigot, soil consists of orangish colored sand, no odor.

Note: 1345 START collects the MG-05-SBA subsurface soil sample from 6' depth, much saprolite encountered during hand auger-ing, this location same as MG-05-SS location. Sample consists of light colored sandy soil, saprolite mixed in, no odor or discolo-ation noted.

1415 ILS personnel retrieve the core sleeve from 17'-19', START collects the MG-03-SBB sample which consists of dark colored sandy soil, petroleum odor, slight discoloration, the soil is also slightly moist.

Note: START member DUNCAN collected the MG-04-SS sample located at the north-central part of facility building, sample collected adjacent to a Chiller, sample collected 14:02 sample depth 6", dark color sandy soil.

Note: START collects the MG-04-SBA sample at 14:10, sample collected from same location as MG-04-SS. Sample collected from depth of 7', soil consists of dark colored sandy soil, no odor or discoloration

1430 START collects the MG-06-SS sample from the northwest corner of the facility where there is a drainage outfall pipe, the sample was collected from the soil at the end of the concrete, the concrete forms the drainage pathway from the outfall pipe. The sample was collected from 6" depth. Soil consisted of light brown sandy soil, no discolorati-on or odor.

1450 START collects the MG-06-SBA sample from same location as MG-06-SS, sample collected with hand auger from 2' depth, bedrock encountered at this depth, soil consists of light brown colored soil, no discolorati-on or odor.

1545 ILS personnel have positioned the Geoprobe at the MG-07-SS, MG-07-SB sample location and have retrieved the core sleeve at the 4'-6' depth, START collects the MG-07-SBA subsurface soil sample, the sample consists of an orangish colored sandy soil, no discoloration, or odor.

1546 Note: The MG-07-SS, MG-07-SB sample location are located on the ridge behind the facility, in this area there is debris scattered on the ground, there is tiling (possibly asbestos) numerous 5-gallon pales which appear to have some type of tar, paint residue in them and other items such as paint cans littered throughout this area.

1600 START collects the MG-08-SS sample, the sample location is downgradient from the MG-07-SS, MG-07-SB sample locations; offsite outside the fenceline, the topography changes to a dramatic slope onto the Rice Residence property.

1601 The MG-08-SS sample consists of a dark colored sandy soil, sample collected 6" depth, no odor or discoloration.

1620 START collects the MG-08-SBA sample from 2' depth from the same location as MG-08-SS. A hard tightly packed red colored clay was encountered at this depth, difficult to hand auger, soil consists of orange colored sandy clay, no odor or discoloration.

1700 ILS personnel have advanced core sleeve to 10'-12' depth; START collects the MG-07-SBB sample, the soil consists of orangish colored silty soil, no discoloration or odor.

1715 START collects the MG-09-SBA soil sample from a depth of 6', this sample collected from the same location as MG-03-SD, however it was adjacent to that location, soil consists of dark colored sediment, no discoloration or odor.

1745 START, ILS and OSC Caprita depart the site for the day.
1800 START arrives at hotel, end of day.

11/9/99

Wednesday, November 10, 1999
0800 START, ILS, and OSC Caprita arrive onsite, the weather is clear, temperature 44°F., forecast is for sunny skies, high temp. to reach 72°F.
0840 ILS personnel retrieve the core sleeve from 15'-17' interval at the MG-07-SB sample location.
0845 START collects the MG-07-SBC sample. Sample consists of orange colored silty sand, clay mixed in, no discoloration or odor. OSC Caprita has decided that for the remainder of the Geoprobe sample locations that the readings on the PID will determine if samples are collected at the Geoprobe sample intervals of 5', 10' + 15'.
START calibrated the PID and OVA upon arrival at the site today.
1000 ILS and START are at the MG-10-SB sample location and are beginning to advance Geoprobe.

11/10/99

1045 ILS retrieves core sleeve from 10' depth, PID and OVA reading Ø ppm from borehole OSC Capriata decides not to collect a sample from this depth. OSC Fred Stroud arrives onsite.

1115 ILS retrieves the core sleeve from 15' depth, the PID and OVA reading Ø ppm, no sample to be collected.

1145 ILS personnel are now set up on the fence line and are advancing the Geoprobe, to advance to 10 feet.

1230 ILS has advanced Geoprobe to 10 feet. They have met refusal, PID, OVA reading Ø ppm, no sample to be collected.

1315 Crew set up on sampling location 10, ILS will push down to 10' & collect a sample, then go down to 15' & sample. Probe hit refusal @ 2', ILS was instructed by OSC to move across the gravel RD. & try up against the fence.

[illegible]

11/10/99

1400 a sample collected from MG-SBA-10 at 10' (9'-11') ILS will advance the probe to 20' for a sample.

1500 Sample MG-10-SBB collected from 21'-23'

1545 ILS setting up at MG-SBA-11 located next to bldg, 5' sample collected @ 1615 hrs.

1630 Second half of 5' sample collected from 7'-9', sample continues to have black material mottled w/the usual tan/red soil matrix. next sample will be collected at @ 15'

1700 Collected MG-11-SBB @ 14'-16', same physical disc. as above soils

1730 Collected MG-11-SBC @ 23'-25'

1800 ILS collected remaining portion of 11-SBC @ 26'

1830 Crew offsite

[illegible]

Thursday, November 11, 1999

0730 START, ILS and OSC Capriti arrive onsite, weather is partly cloudy, temperature ≈48°F, forecast is for sunny skies, high temp to reach 67°F.

0810 - START COHELTS SURFACE SAMPLE (SS) AT MO OUTSIDE THE LOADING DOCK ON THE FRONT SIDE OF THE BUILDING. SAMPLE TAKEN APPROX 20 ft FROM DOCK AT FRONT CORNER OF BUILDING. SAMPLE CONSISTED OF A DARK SANDY SOIL WITH A SUBSTANTIAL AMOUNT OF A GLASS-LIKE FRAGMENT. THE GLASS-LIKE FRAGMENTS, SIMILAR TO BROKEN GLASS ARE CLEAR OR BLUE IN COLOR AND ABOUT THE SIZE OF A SMALL PEBBLE/GRANULE (1/8") THIS MATERIAL HAS BEEN LOCATED IN SEVERAL AREAS THROUGHOUT THE GRAVEL PARKING LOT AND HAS BEEN FOUND IN BUILDING. (MG-12-99)

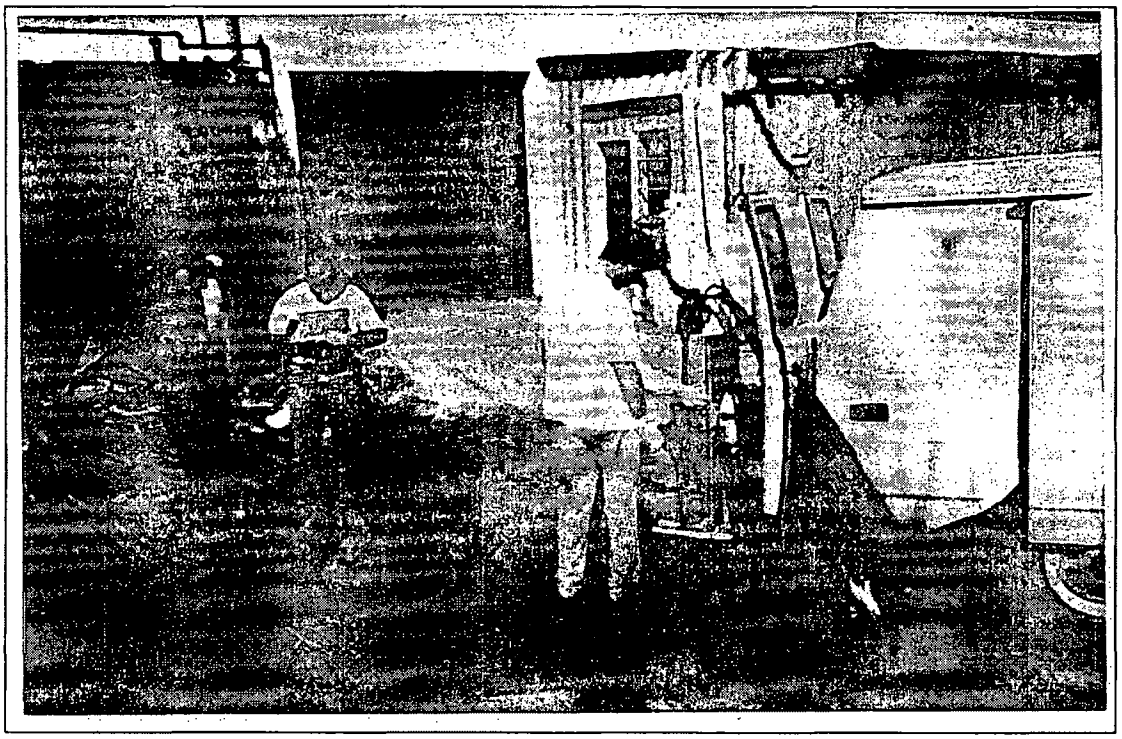
0845 sample collected near the spring discharge on the Rice property, MG-12-99 at surface, Geoprobe pushed to 5' & collected VOA from 5-7' & remaining sample

from 7-8'. Geoprobe failed to push - power failure - no pushing power. Sample of 5-8' had fuel odor

1000 START DEPARTS SITE DEMOBILIZES TO ATLANTA

11-11-99

MG

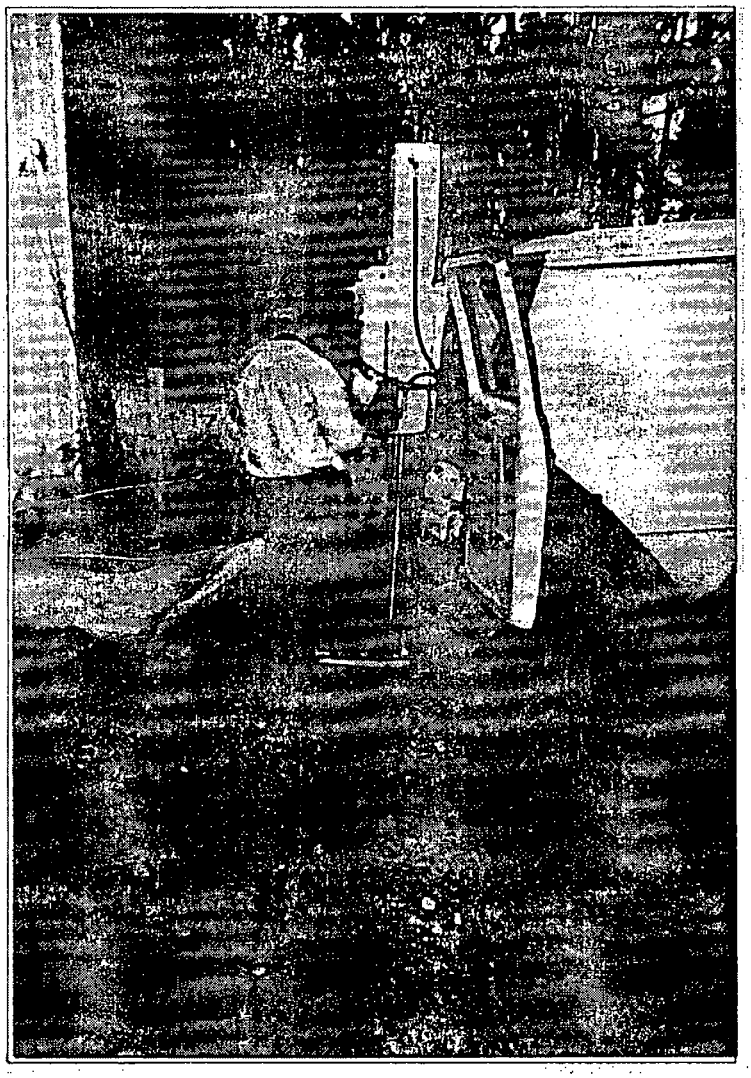


OFFICIAL PHOTOGRAPH No. 1
U.S. ENVIRONMENTAL PROTECTION AGENCY

Subject:	Collection of MG-03-SBB with assistance of Geoprobe®; note 5000-gallon steel tank in upper left portion of photograph		
Location:	Mills Gap site Skyland, Buncombe County, North Carolina		
Orientation:	North		
TDD Number:	04-9909-0006	**Date:**	November 9, 1999
Photographer:	Marsh Duncan, START	**Witness:**	Dave Brown, START

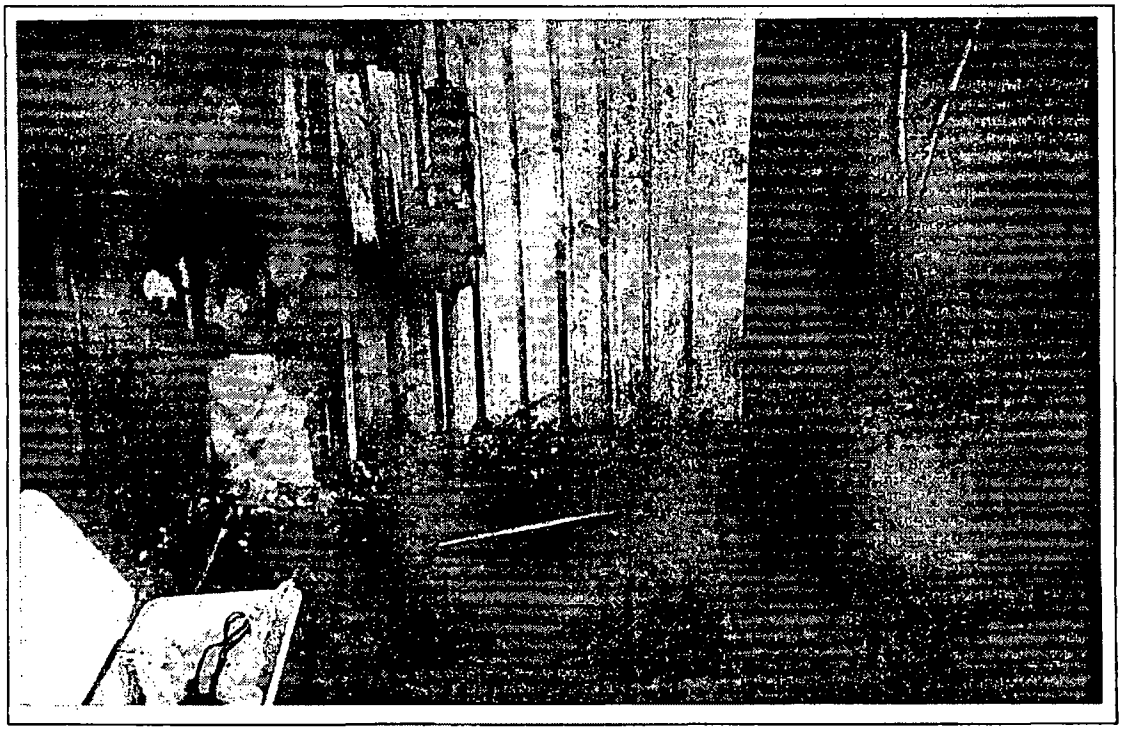
OFFICIAL PHOTOGRAPH No. 2
U.S. ENVIRONMENTAL PROTECTION AGENCY

Subject:	Collection of surface sample MG-01-SS		
Location:	Mills Gap site Skyland, Buncombe County, North Carolina		
Orientation:	North		
TDD Number:	04-9909-0006	**Date:**	November 9, 1999
Photographer:	Marsh Duncan, START	**Witness:**	Tim Neal, START



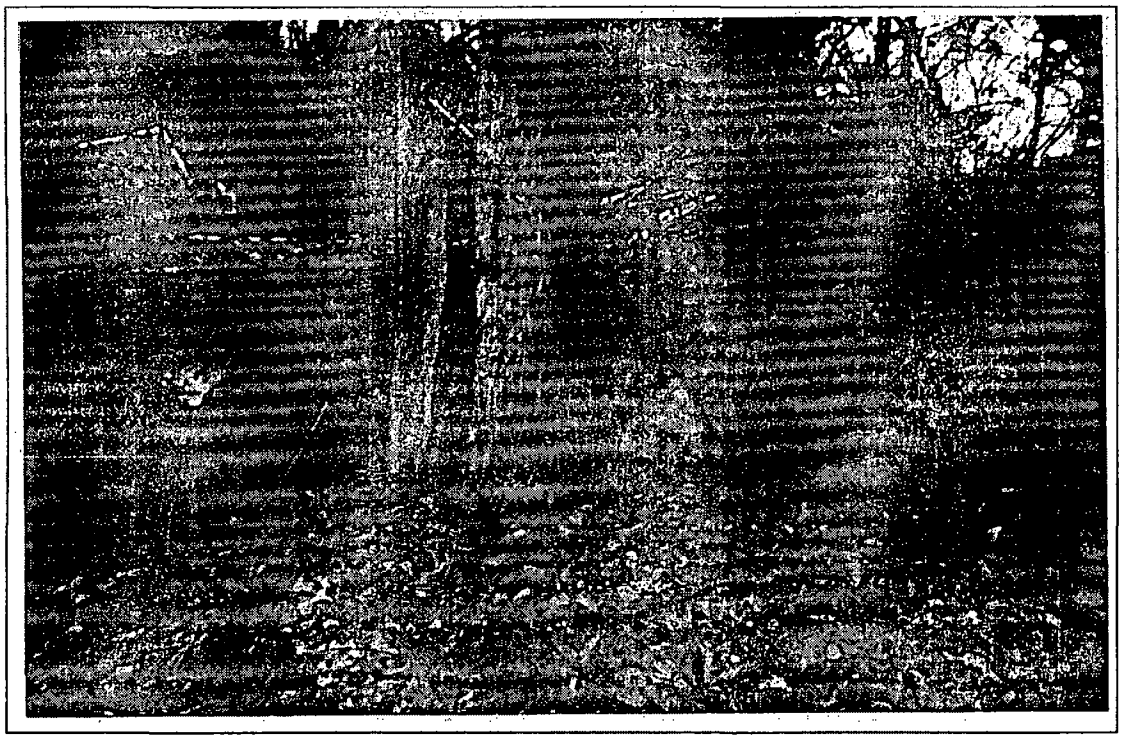
OFFICIAL PHOTOGRAPH No. 3
U.S. ENVIRONMENTAL PROTECTION AGENCY

Subject:	Collection of MG-11-SBA; note proximity to easternmost corner of facility building		
Location:	Mills Gap site Skyland, Buncombe County, North Carolina		
Orientation:	East		
TDD Number:	04-9909-0006	**Date:**	November 10, 1999
Photographer:	Tim Neal, START	**Witness:**	Marsh Duncan, START



OFFICIAL PHOTOGRAPH No. 4
U.S. ENVIRONMENTAL PROTECTION AGENCY

Subject:	Sampling location MG-05-SB; note oil spigot against facility building in center of photograph		
Location:	Mills Gap site Skyland, Buncombe County, North Carolina		
Orientation:	East		
TDD Number:	04-9909-0006	**Date:**	November 9, 1999
Photographer:	Tim Neal, START	**Witness:**	Marsh Duncan, START



OFFICIAL PHOTOGRAPH No. 5
U.S. ENVIRONMENTAL PROTECTION AGENCY

Subject:	Southwest fenceline of site; note buried green drums		
Location:	Mills Gap Site Skyland, Buncombe County, North Carolina		
Orientation:	Northeast		
TDD Number:	04-9910-0015	**Date:**	November 10, 1999
Photographer:	Marsh Duncan, START	**Witness:**	Tim Neal, START

TABLE OF WITNESSES
Mills Gap Site Investigation
Asheville, Buncombe County, North Carolina

Barbara Caprita, On-Scene Coordinator
Fred Stroud, On-Scene Coordinator
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, 11th Floor
Atlanta, Georgia 30303
(404) 562-8720

Marsh Duncan
David Brown
Timothy Neal
Superfund Technical Assessment and Response Team (START), Region 4
1750 Corporate Drive, Suite 735
Norcross, Georgia 30093
(770) 935-1542

Martin P. Allen, Senior Technical Specialist
Integrated Laboratory Systems
396 Commerce Blvd.
Bogart, Georgia 30622
(706) 546-2142

Doug Rumford
North Carolina Department of Natural Resources
Raleigh, North Carolina

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 01/13/2000

Subject: Results of METALS Inorganic Chemistry Section Sample Analysis
00-0101 CTS of Asheville Inc
Skyland, NC

From: Guthrie, Diane

To: Rigger, Don

CC: Heather Kennedy
START

Thru: QA Office

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

December 14, 1999

INORGANIC DATA QUALIFIERS REPORT

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1060	Al	J	Serial dilution percent difference = 19.1%
	Sb	UJ	Matrix spike recovery = 25.4%
			Baseline instability in cal blanks
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
J61	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

December 14, 1999

INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1062	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	UJ	Matrix spike recovery = 62.8% % RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25% Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6% Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4% Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
1063	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	UJ	Matrix spike recovery = 62.8% % RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25% Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6% Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4% Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1064	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	UJ	Serial dilution percent difference = 18.6%
			Baseline instability in cal and prep blanks
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
1065	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	UJ	Matrix spike recovery = 62.8%
			% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	UJ	Serial dilution percent difference = 18.6%
			Baseline instability in cal and prep blanks
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	UJ	Serial dilution percent difference = 35.4%
			Baseline instability in cal blanks
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	UJ	Serial dilution percent difference = 18.7%
			Baseline instability in cal blanks
	CN	U	Positive reported < lowest std on cal curve

December 14, 1999

INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1066	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	UJ	Serial dilution percent difference = 18.6%
			Baseline instability in cal and prep blanks
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	UJ	Serial dilution percent difference = 35.4%
			Baseline instability in cal blanks
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	UJ	Serial dilution percent difference = 18.7%
			Baseline instability in cal blanks
	CN	U	Positive reported < lowest std on cal curve
1067	Al	J	Serial dilution percent difference = 19.1%
	Sb	UJ	Matrix spike recovery = 25.4%
			Baseline instability in cal blanks
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cd	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1068	Al	J	Serial dilution percent difference = 19.1%
	Sb	UJ	Matrix spike recovery = 25.4%
			Baseline instability in cal blanks
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
1069	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1070	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
171	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1072	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	UJ	Serial dilution percent difference = 18.6%
			Baseline instability in cal and prep blanks
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
73	Al	J	Serial dilution percent difference = 19.1%
	Sb	UJ	Matrix spike recovery = 25.4%
			Baseline instability in cal blanks
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cd	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1074	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positives reported < lowest std on cal curve
1075	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cd	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	J	Serial dilution percent difference = 25%
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1076	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	UJ	Matrix spike recovery = 62.8%
			% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
1077	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	J	Matrix spike recovery = 62.8%
	Ba	J	Serial dilution percent difference = 18.3%
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25%
			Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6%
			Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	UJ	Serial dilution percent difference = 19.4%
			Baseline instability in cal blanks
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < Lowest std on cal curve

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1078	Al	J	Serial dilution percent difference = 19.1%
	Sb	R	Matrix spike recovery = 25.4%
	As	UJ	Matrix spike recovery = 62.8% % RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ba	J	Serial dilution percent difference = 18.3%
	Be	U	Baseline instability in cal blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	UJ	Serial dilution percent difference = 25% Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 18.6%
	Fe	J	Serial dilution percent difference = 19.5%
	Mg	J	Serial dilution percent difference = 20.6%
	Mn	J	Matrix spike recovery = 133.6% Serial dilution percent difference = 19.1%
	Hg	U	Baseline instability in cal and prep blanks
	Ni	J	Serial dilution percent difference = 35.4%
	K	J	Serial dilution percent difference = 19.9%
	Se	J	Matrix spike recovery = 49.6%
	Ag	J	Serial dilution percent difference = 19.4%
	Tl	J	Matrix spike recovery = 52%
	V	J	Serial dilution percent difference = 18.7%
	CN	U	Positive reported < lowest std on cal curve
1079	Sb	R	Matrix spike recovery = 26.8%
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Hg	U	Positive reported < lowest std on cal curve
	Se	UJ	Matrix spike recovery = 65.1% % RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Ag	J	Serial dilution percent difference = 11.8%
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1080	Sb	R	Matrix spike recovery = 26.8%
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1081	Sb	R	Matrix spike recovery = 26.8%
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Hg	U	Positive reported < lowest std on cal curve
	Se	J	Matrix spike recovery = 65.1%
	Ag	J	Serial dilution percent difference = 11.8%
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1082	Sb	R	Matrix spike recovery = 26.8%
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1083	Sb	R	Matrix spike recovery = 26.8%
	As	U	% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	J	Serial dilution percent difference = 11.8%
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1084	Sb	R	Matrix spike recovery = 26.8%
	As	U	% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	Na	U	Positives in cal and prep blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks

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INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1085	Sb	R	Matrix spike recovery = 26.8%
	As	U	% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	Na	U	Positives in cal and prep blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1086	Sb	R	Matrix spike recovery = 26.8%
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	J	Serial dilution percent difference = 11.8%
	Na	U	Positives in cal and prep blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1087	Sb	R	Matrix spike recovery = 26.8%
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1088	Sb	R	Matrix spike recovery = 26.8%
	Cr	J	Serial dilution percent difference = 21.7%
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1089	Sb	R	Matrix spike recovery = 26.8%
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Hg	U	Positive reported < lowest std on cal curve
	Se	J	Matrix spike recovery = 65.1%
	Ag	J	Serial dilution percent difference = 11.8%
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks

December 14, 1999

INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 27562
Project Number: 00-0101
Site: CTS of Asheville, Inc., Skyland, NC

Sample No.	Element	Flag	Reason
1090	Sb	R	Matrix spike recovery = 26.8%
	As	U	% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Hg	U	Positive reported < lowest std on cal curve
	Se	J	Matrix spike recovery = 65.1%
	Ag	J	Serial dilution percent difference = 11.8%
	Na	U	Positives in cal and prep blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks
1091	Sb	R	Matrix spike recovery = 26.8%
	As	U	% RSD > 20% for ICP multiple exposures and result > IDL, but < CRDL
	Be	U	Baseline instability in cal and prep blanks
	Cr	J	Serial dilution percent difference = 21.7%
	Co	U	Baseline instability in cal blanks
	Cu	J	Serial dilution percent difference = 50.7%
	Se	J	Matrix spike recovery = 65.1%
	Ag	UJ	Serial dilution percent difference = 11.8% Baseline instability in cal blanks
	Na	U	Positives in cal and prep blanks
	V	J	Serial dilution percent difference = 11.4%
	CN	U	Baseline instability in cal and prep blanks

Sample 1060 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 08:25

Ending:

RESULTS	UNITS	ANALYTE
15000J	MG/KG	ALUMINUM
2.6UJ	MG/KG	ANTIMONY
1.8J	MG/KG	ARSENIC
130J	MG/KG	BARIUM
1.0U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
800	MG/KG	CALCIUM
20J	MG/KG	CHROMIUM
11UJ	MG/KG	COBALT
340J	MG/KG	COPPER
22000J	MG/KG	IRON
11	MG/KG	LEAD
4300J	MG/KG	MAGNESIUM
360J	MG/KG	MANGANESE
0.15	MG/KG	TOTAL MERCURY
16J	MG/KG	NICKEL
6200J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
15J	MG/KG	SILVER
35U	MG/KG	SODIUM
0.47UJ	MG/KG	THALLIUM
31J	MG/KG	VANADIUM
90	MG/KG	ZINC
0.20U	MG/KG	CYANIDE
11	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1061 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:45
Ending:

RESULTS	UNITS	ANALYTE
18000J	MG/KG	ALUMINUM
0.47UR	MG/KG	ANTIMONY
1.7J	MG/KG	ARSENIC
110J	MG/KG	BARIUM
1.4	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
2200	MG/KG	CALCIUM
27J	MG/KG	CHROMIUM
9.1UJ	MG/KG	COBALT
28J	MG/KG	COPPER
26000J	MG/KG	IRON
11	MG/KG	LEAD
4300J	MG/KG	MAGNESIUM
280J	MG/KG	MANGANESE
0.08U	MG/KG	TOTAL MERCURY
23J	MG/KG	NICKEL
6000J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
30J	MG/KG	SILVER
35U	MG/KG	SODIUM
0.47UJ	MG/KG	THALLIUM
32J	MG/KG	VANADIUM
110	MG/KG	ZINC
0.22U	MG/KG	CYANIDE
11	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1062 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 10:50
Ending:

RESULTS	UNITS	ANALYTE
22000J	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
0.69UJ	MG/KG	ARSENIC
240J	MG/KG	BARIUM
2.3	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
590U	MG/KG	CALCIUM
26J	MG/KG	CHROMIUM
8.7UJ	MG/KG	COBALT
0.11UJ	MG/KG	COPPER
25000J	MG/KG	IRON
3.6	MG/KG	LEAD
5800J	MG/KG	MAGNESIUM
380J	MG/KG	MANGANESE
0.07U	MG/KG	TOTAL MERCURY
13J	MG/KG	NICKEL
8300J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
0.36UJ	MG/KG	SILVER
35U	MG/KG	SODIUM
0.48UJ	MG/KG	THALLIUM
34J	MG/KG	VANADIUM
60	MG/KG	ZINC
0.06U	MG/KG	CYANIDE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1063 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SS / MD No: RS66 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS66 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:25

Ending:

RESULTS	UNITS	ANALYTE
17000J	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
1.3UJ	MG/KG	ARSENIC
180J	MG/KG	BARIUM
0.91U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
590U	MG/KG	CALCIUM
20J	MG/KG	CHROMIUM
7.2UJ	MG/KG	COBALT
19J	MG/KG	COPPER
26000J	MG/KG	IRON
4.9	MG/KG	LEAD
5700J	MG/KG	MAGNESIUM
310J	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
9.1J	MG/KG	NICKEL
8400J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
1.2UJ	MG/KG	SILVER
35U	MG/KG	SODIUM
0.48UJ	MG/KG	THALLIUM
29J	MG/KG	VANADIUM
76	MG/KG	ZINC
0.30U	MG/KG	CYANIDE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

METALS SAMPI ANALYSIS EPA - REGION IV SE ATHENS, GA Production Date: 01/13/2000 16:30

Sample 1064 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SBA / MD No: RS67 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS67 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 11:25

Ending:

RESULTS	UNITS	ANALYTE
27000J	MG/KG	ALUMINUM
0.47UR	MG/KG	ANTIMONY
2.2J	MG/KG	ARSENIC
160J	MG/KG	BARIUM
1.8	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
570U	MG/KG	CALCIUM
22J	MG/KG	CHROMIUM
17J	MG/KG	COBALT
0.18UJ	MG/KG	COPPER
27000J	MG/KG	IRON
3.9	MG/KG	LEAD
5100J	MG/KG	MAGNESIUM
400J	MG/KG	MANGANESE
0.07U	MG/KG	TOTAL MERCURY
20J	MG/KG	NICKEL
5800J	MG/KG	POTASSIUM
0.40UJ	MG/KG	SELENIUM
0.35UJ	MG/KG	SILVER
34U	MG/KG	SODIUM
0.47UJ	MG/KG	THALLIUM
32J	MG/KG	VANADIUM
100	MG/KG	ZINC
0.11U	MG/KG	CYANIDE
10	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1065 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SD / MD No: RS68 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS68 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:00

Ending:

RESULTS	UNITS	ANALYTE
5100J	MG/KG	ALUMINUM
0.68UR	MG/KG	ANTIMONY
0.87UJ	MG/KG	ARSENIC
55J	MG/KG	BARIUM
0.55U	MG/KG	BERYLLIUM
0.10U	MG/KG	CADMIUM
840U	MG/KG	CALCIUM
7.4J	MG/KG	CHROMIUM
1.8UJ	MG/KG	COBALT
6.9UJ	MG/KG	COPPER
2100J	MG/KG	IRON
9.8	MG/KG	LEAD
430J	MG/KG	MAGNESIUM
27J	MG/KG	MANGANESE
0.12U	MG/KG	TOTAL MERCURY
2.8UJ	MG/KG	NICKEL
490J	MG/KG	POTASSIUM
0.58UJ	MG/KG	SELENIUM
1.2UJ	MG/KG	SILVER
50U	MG/KG	SODIUM
0.68UJ	MG/KG	THALLIUM
11UJ	MG/KG	VANADIUM
17	MG/KG	ZINC
0.16U	MG/KG	CYANIDE
38	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1066 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SD / MD No: RS69 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS69 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:15

Ending:

RESULTS	UNITS	ANALYTE
5000J	MG/KG	ALUMINUM
0.64UR	MG/KG	ANTIMONY
0.67UJ	MG/KG	ARSENIC
38J	MG/KG	BARIUM
0.30U	MG/KG	BERYLLIUM
0.09U	MG/KG	CADMIUM
790U	MG/KG	CALCIUM
8.2J	MG/KG	CHROMIUM
1.3UJ	MG/KG	COBALT
4.8UJ	MG/KG	COPPER
2400J	MG/KG	IRON
5.4	MG/KG	LEAD
840J	MG/KG	MAGNESIUM
21J	MG/KG	MANGANESE
0.12U	MG/KG	TOTAL MERCURY
3.2UJ	MG/KG	NICKEL
680J	MG/KG	POTASSIUM
0.55UJ	MG/KG	SELENIUM
0.46UJ	MG/KG	SILVER
47U	MG/KG	SODIUM
0.64UJ	MG/KG	THALLIUM
11UJ	MG/KG	VANADIUM
13	MG/KG	ZINC
0.28U	MG/KG	CYANIDE
34	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1067 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS70 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
30000J	MG/KG	ALUMINUM
1.6UJ	MG/KG	ANTIMONY
2.8J	MG/KG	ARSENIC
160J	MG/KG	BARIUM
2.4	MG/KG	BERYLLIUM
0.40U	MG/KG	CADMIUM
940	MG/KG	CALCIUM
59J	MG/KG	CHROMIUM
16J	MG/KG	COBALT
97J	MG/KG	COPPER
43000J	MG/KG	IRON
37	MG/KG	LEAD
6500J	MG/KG	MAGNESIUM
350J	MG/KG	MANGANESE
0.63	MG/KG	TOTAL MERCURY
49J	MG/KG	NICKEL
6500J	MG/KG	POTASSIUM
0.52UJ	MG/KG	SELENIUM
67J	MG/KG	SILVER
45U	MG/KG	SODIUM
0.61UJ	MG/KG	THALLIUM
53J	MG/KG	VANADIUM
640	MG/KG	ZINC
0.69U	MG/KG	CYANIDE
31	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1068 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
13000J	MG/KG	ALUMINUM
2.7UJ	MG/KG	ANTIMONY
1.7J	MG/KG	ARSENIC
160J	MG/KG	BARIUM
0.73U	MG/KG	BERYLLIUM
3.0	MG/KG	CADMIUM
2000	MG/KG	CALCIUM
98J	MG/KG	CHROMIUM
11UJ	MG/KG	COBALT
420J	MG/KG	COPPER
29000J	MG/KG	IRON
100	MG/KG	LEAD
4900J	MG/KG	MAGNESIUM
300J	MG/KG	MANGANESE
0.41	MG/KG	TOTAL MERCURY
190J	MG/KG	NICKEL
6200J	MG/KG	POTASSIUM
0.45UJ	MG/KG	SELENIUM
48J	MG/KG	SILVER
39U	MG/KG	SODIUM
0.53UJ	MG/KG	THALLIUM
39J	MG/KG	VANADIUM
390	MG/KG	ZINC
0.58U	MG/KG	CYANIDE
20	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1069 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:15
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
19000J	MG/KG	ALUMINUM
0.53UR	MG/KG	ANTIMONY
2.7J	MG/KG	ARSENIC
160J	MG/KG	BARIUM
1.9	MG/KG	BERYLLIUM
0.08U	MG/KG	CADMIUM
650U	MG/KG	CALCIUM
41J	MG/KG	CHROMIUM
14J	MG/KG	COBALT
32J	MG/KG	COPPER
34000J	MG/KG	IRON
7.8	MG/KG	LEAD
7400J	MG/KG	MAGNESIUM
400J	MG/KG	MANGANESE
0.08U	MG/KG	TOTAL MERCURY
20J	MG/KG	NICKEL
8600J	MG/KG	POTASSIUM
0.45UJ	MG/KG	SELENIUM
0.81UJ	MG/KG	SILVER
39U	MG/KG	SODIUM
0.53UJ	MG/KG	THALLIUM
43J	MG/KG	VANADIUM
96	MG/KG	ZINC
0.24U	MG/KG	CYANIDE
21	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1070 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:15

Ending:

RESULTS	UNITS	ANALYTE
24000J	MG/KG	ALUMINUM
0.59UR	MG/KG	ANTIMONY
1.1J	MG/KG	ARSENIC
280J	MG/KG	BARIUM
3.6	MG/KG	BERYLLIUM
0.08U	MG/KG	CADMIUM
920	MG/KG	CALCIUM
32J	MG/KG	CHROMIUM
13UJ	MG/KG	COBALT
38J	MG/KG	COPPER
29000J	MG/KG	IRON
9.7	MG/KG	LEAD
6900J	MG/KG	MAGNESIUM
830J	MG/KG	MANGANESE
0.09U	MG/KG	TOTAL MERCURY
21J	MG/KG	NICKEL
7000J	MG/KG	POTASSIUM
0.51UJ	MG/KG	SELENIUM
5.8J	MG/KG	SILVER
44U	MG/KG	SODIUM
0.59UJ	MG/KG	THALLIUM
39J	MG/KG	VANADIUM
87	MG/KG	ZINC
0.09U	MG/KG	CYANIDE
29	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

METALS SAMP' ANALYSIS EPA - REGION IV SE ATHENS, GA Production Date: 01/13/2 16:30

Sample 1071 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:10

Ending:

RESULTS	UNITS	ANALYTE
24000J	MG/KG	ALUMINUM
0.51UR	MG/KG	ANTIMONY
1.9J	MG/KG	ARSENIC
180J	MG/KG	BARIUM
2.4	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
630U	MG/KG	CALCIUM
24J	MG/KG	CHROMIUM
12UJ	MG/KG	COBALT
56J	MG/KG	COPPER
32000J	MG/KG	IRON
14	MG/KG	LEAD
5600J	MG/KG	MAGNESIUM
310J	MG/KG	MANGANESE
0.90	MG/KG	TOTAL MERCURY
160J	MG/KG	NICKEL
6600J	MG/KG	POTASSIUM
0.44UJ	MG/KG	SELENIUM
79J	MG/KG	SILVER
38U	MG/KG	SODIUM
0.51UJ	MG/KG	THALLIUM
38J	MG/KG	VANADIUM
170	MG/KG	ZINC
0.28U	MG/KG	CYANIDE
18	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no.value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1072 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
15000J	MG/KG	ALUMINUM
0.49UR	MG/KG	ANTIMONY
2.9J	MG/KG	ARSENIC
160J	MG/KG	BARIUM
2.2	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
610U	MG/KG	CALCIUM
16J	MG/KG	CHROMIUM
19J	MG/KG	COBALT
3.7UJ	MG/KG	COPPER
28000J	MG/KG	IRON
11	MG/KG	LEAD
5000J	MG/KG	MAGNESIUM
420J	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
16J	MG/KG	NICKEL
7000J	MG/KG	POTASSIUM
0.42UJ	MG/KG	SELENIUM
3.7J	MG/KG	SILVER
36U	MG/KG	SODIUM
0.49UJ	MG/KG	THALLIUM
26J	MG/KG	VANADIUM
79	MG/KG	ZINC
0.16U	MG/KG	CYANIDE
14	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1073 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:02
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
33000J	MG/KG	ALUMINUM
0.56UJ	MG/KG	ANTIMONY
1.7J	MG/KG	ARSENIC
150J	MG/KG	BARIUM
2.6	MG/KG	BERYLLIUM
0.33U	MG/KG	CADMIUM
660U	MG/KG	CALCIUM
40J	MG/KG	CHROMIUM
18J	MG/KG	COBALT
84J	MG/KG	COPPER
42000J	MG/KG	IRON
19	MG/KG	LEAD
6600J	MG/KG	MAGNESIUM
560J	MG/KG	MANGANESE
0.13	MG/KG	TOTAL MERCURY
39J	MG/KG	NICKEL
8100J	MG/KG	POTASSIUM
0.46UJ	MG/KG	SELENIUM
44J	MG/KG	SILVER
39U	MG/KG	SODIUM
0.53UJ	MG/KG	THALLIUM
58J	MG/KG	VANADIUM
140	MG/KG	ZINC
0.28U	MG/KG	CYANIDE
21	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1074 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:10

Ending:

RESULTS	UNITS	ANALYTE
26000J	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
1.9J	MG/KG	ARSENIC
200J	MG/KG	BARIUM
2.8	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
590U	MG/KG	CALCIUM
22J	MG/KG	CHROMIUM
12J	MG/KG	COBALT
25J	MG/KG	COPPER
27000J	MG/KG	IRON
8.7	MG/KG	LEAD
5700J	MG/KG	MAGNESIUM
400J	MG/KG	MANGANESE
0.07U	MG/KG	TOTAL MERCURY
12J	MG/KG	NICKEL
7800J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
1.6UJ	MG/KG	SILVER
35U	MG/KG	SODIUM
0.48UJ	MG/KG	THALLIUM
33J	MG/KG	VANADIUM
76	MG/KG	ZINC
0.18U	MG/KG	CYANIDE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1075 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:30
Ending:

RESULTS	UNITS	ANALYTE
36000J	MG/KG	ALUMINUM
0.54UR	MG/KG	ANTIMONY
2.7J	MG/KG	ARSENIC
210J	MG/KG	BARIUM
3.7	MG/KG	BERYLLIUM
0.76U	MG/KG	CADMIUM
890	MG/KG	CALCIUM
41J	MG/KG	CHROMIUM
20J	MG/KG	COBALT
40J	MG/KG	COPPER
39000J	MG/KG	IRON
13	MG/KG	LEAD
7100J	MG/KG	MAGNESIUM
620J	MG/KG	MANGANESE
0.39	MG/KG	TOTAL MERCURY
150J	MG/KG	NICKEL
7700J	MG/KG	POTASSIUM
0.46UJ	MG/KG	SELENIUM
130J	MG/KG	SILVER
40U	MG/KG	SODIUM
0.54UJ	MG/KG	THALLIUM
47J	MG/KG	VANADIUM
150	MG/KG	ZINC
0.64	MG/KG	CYANIDE
21	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1076 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:50
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
36000J	MG/KG	ALUMINUM
0.49UR	MG/KG	ANTIMONY
0.85UJ	MG/KG	ARSENIC
170J	MG/KG	BARIUM
3.1	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
610U	MG/KG	CALCIUM
19J	MG/KG	CHROMIUM
8.5UJ	MG/KG	COBALT
9.1J	MG/KG	COPPER
16000J	MG/KG	IRON
11	MG/KG	LEAD
4000J	MG/KG	MAGNESIUM
340J	MG/KG	MANGANESE
0.07U	MG/KG	TOTAL MERCURY
18J	MG/KG	NICKEL
3800J	MG/KG	POTASSIUM
0.42UJ	MG/KG	SELENIUM
1.8UJ	MG/KG	SILVER
36U	MG/KG	SODIUM
0.49UJ	MG/KG	THALLIUM
23J	MG/KG	VANADIUM
60	MG/KG	ZINC
0.08U	MG/KG	CYANIDE
14	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1077 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 15:45
Ending:

RESULTS	UNITS	ANALYTE
12000J	MG/KG	ALUMINUM
0.46UR	MG/KG	ANTIMONY
0.48UJ	MG/KG	ARSENIC
76J	MG/KG	BARIUM
1.2	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
560U	MG/KG	CALCIUM
22J	MG/KG	CHROMIUM
5.7UJ	MG/KG	COBALT
12J	MG/KG	COPPER
27000J	MG/KG	IRON
10	MG/KG	LEAD
2800J	MG/KG	MAGNESIUM
220J	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
9.4J	MG/KG	NICKEL
4000J	MG/KG	POTASSIUM
0.39UJ	MG/KG	SELENIUM
1.1UJ	MG/KG	SILVER
34U	MG/KG	SODIUM
0.46UJ	MG/KG	THALLIUM
30J	MG/KG	VANADIUM
52	MG/KG	ZINC
0.11U	MG/KG	CYANIDE
10	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1078 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:00
Ending:

RESULTS	UNITS	ANALYTE
14000J	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
0.69UJ	MG/KG	ARSENIC
130J	MG/KG	BARIUM
1.1U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
600U	MG/KG	CALCIUM
28J	MG/KG	CHROMIUM
11UJ	MG/KG	COBALT
18J	MG/KG	COPPER
28000J	MG/KG	IRON
13	MG/KG	LEAD
3300J	MG/KG	MAGNESIUM
580J	MG/KG	MANGANESE
0.09U	MG/KG	TOTAL MERCURY
11J	MG/KG	NICKEL
5300J	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
3.3J	MG/KG	SILVER
36U	MG/KG	SODIUM
0.48UJ	MG/KG	THALLIUM
32J	MG/KG	VANADIUM
61	MG/KG	ZINC
0.06U	MG/KG	CYANIDE
13	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1079 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:00
Ending:

RESULTS	UNITS	ANALYTE
6900	MG/KG	ALUMINUM
0.42UR	MG/KG	ANTIMONY
2.6	MG/KG	ARSENIC
65	MG/KG	BARIUM
0.36U	MG/KG	BERYLLIUM
0.06U	MG/KG	CADMIUM
520U	MG/KG	CALCIUM
12J	MG/KG	CHROMIUM
1.7U	MG/KG	COBALT
8.2J	MG/KG	COPPER
8000	MG/KG	IRON
19	MG/KG	LEAD
370	MG/KG	MAGNESIUM
60	MG/KG	MANGANESE
0.08U	MG/KG	TOTAL MERCURY
10	MG/KG	NICKEL
440	MG/KG	POTASSIUM
0.37UJ	MG/KG	SELENIUM
6.1J	MG/KG	SILVER
31U	MG/KG	SODIUM
0.42U	MG/KG	THALLIUM
14J	MG/KG	VANADIUM
56	MG/KG	ZINC
0.31U	MG/KG	CYANIDE
1	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1080 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 16:20

Ending:

RESULTS	UNITS	ANALYTE
12000	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
3.0	MG/KG	ARSENIC
63	MG/KG	BARIUM
0.41U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
600U	MG/KG	CALCIUM
15J	MG/KG	CHROMIUM
4.2U	MG/KG	COBALT
5.1J	MG/KG	COPPER
15000	MG/KG	IRON
81	MG/KG	LEAD
390	MG/KG	MAGNESIUM
100	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
5.0	MG/KG	NICKEL
500	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
2.2UJ	MG/KG	SILVER
36U	MG/KG	SODIUM
0.48U	MG/KG	THALLIUM
25J	MG/KG	VANADIUM
41	MG/KG	ZINC
0.14U	MG/KG	CYANIDE
14	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported; see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1081 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:15
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG09SBA / MD No: RS86 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
29000	MG/KG	ALUMINUM
0.52UR	MG/KG	ANTIMONY
2.6	MG/KG	ARSENIC
81	MG/KG	BARIUM
2.3	MG/KG	BERYLLIUM
0.08U	MG/KG	CADMIUM
650U	MG/KG	CALCIUM
54J	MG/KG	CHROMIUM
23	MG/KG	COBALT
39J	MG/KG	COPPER
49000	MG/KG	IRON
15	MG/KG	LEAD
4400	MG/KG	MAGNESIUM
1300	MG/KG	MANGANESE
0.07U	MG/KG	TOTAL MERCURY
23	MG/KG	NICKEL
4000	MG/KG	POTASSIUM
0.45UJ	MG/KG	SELENIUM
35J	MG/KG	SILVER
39U	MG/KG	SODIUM
0.52U	MG/KG	THALLIUM
56J	MG/KG	VANADIUM
96	MG/KG	ZINC
0.17U	MG/KG	CYANIDE
21	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1082 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
16000	MG/KG	ALUMINUM
0.47UR	MG/KG	ANTIMONY
0.67	MG/KG	ARSENIC
140	MG/KG	BARIUM
1.8	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
580U	MG/KG	CALCIUM
22J	MG/KG	CHROMIUM
23	MG/KG	COBALT
5.2J	MG/KG	COPPER
30000	MG/KG	IRON
16	MG/KG	LEAD
4600	MG/KG	MAGNESIUM
890	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
16	MG/KG	NICKEL
6500	MG/KG	POTASSIUM
0.40UJ	MG/KG	SELENIUM
1.7UJ	MG/KG	SILVER
35U	MG/KG	SODIUM
0.47U	MG/KG	THALLIUM
33J	MG/KG	VANADIUM
78	MG/KG	ZINC
0.19U	MG/KG	CYANIDE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

METALS SAMPLE ANALYSIS EPA - REGION IV SERB, ATHENS, GA Production Date: 01/13/2000 16:30

Sample 1083 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 10:15

Ending:

RESULTS	UNITS	ANALYTE
15000	MG/KG	ALUMINUM
0.46UR	MG/KG	ANTIMONY
1.2U	MG/KG	ARSENIC
130	MG/KG	BARIUM
0.81U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
570U	MG/KG	CALCIUM
21J	MG/KG	CHROMIUM
5.7U	MG/KG	COBALT
19J	MG/KG	COPPER
26000	MG/KG	IRON
9.3	MG/KG	LEAD
4100	MG/KG	MAGNESIUM
200	MG/KG	MANGANESE
0.05U	MG/KG	TOTAL MERCURY
9.6	MG/KG	NICKEL
5800	MG/KG	POTASSIUM
0.39UJ	MG/KG	SELENIUM
8.2J	MG/KG	SILVER
34U	MG/KG	SODIUM
0.46U	MG/KG	THALLIUM
29J	MG/KG	VANADIUM
62	MG/KG	ZINC
0.12U	MG/KG	CYANIDE
11	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1084 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 14:00
Ending:

RESULTS	UNITS	ANALYTE
9200	MG/KG	ALUMINUM
0.46UR	MG/KG	ANTIMONY
0.60U	MG/KG	ARSENIC
110	MG/KG	BARIUM
0.86U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
570U	MG/KG	CALCIUM
24J	MG/KG	CHROMIUM
5.5U	MG/KG	COBALT
9.1J	MG/KG	COPPER
22000	MG/KG	IRON
9.0	MG/KG	LEAD
2000	MG/KG	MAGNESIUM
280	MG/KG	MANGANESE
0.05U	MG/KG	TOTAL MERCURY
6.4	MG/KG	NICKEL
2900	MG/KG	POTASSIUM
0.40UJ	MG/KG	SELENIUM
0.99UJ	MG/KG	SILVER
190U	MG/KG	SODIUM
0.46U	MG/KG	THALLIUM
31J	MG/KG	VANADIUM
27	MG/KG	ZINC
0.19U	MG/KG	CYANIDE
10	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1085 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
16000	MG/KG	ALUMINUM
0.48UR	MG/KG	ANTIMONY
0.61U	MG/KG	ARSENIC
160	MG/KG	BARIUM
1.3	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
590U	MG/KG	CALCIUM
26J	MG/KG	CHROMIUM
16	MG/KG	COBALT
16J	MG/KG	COPPER
43000	MG/KG	IRON
14	MG/KG	LEAD
4600	MG/KG	MAGNESIUM
640	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
16	MG/KG	NICKEL
6300	MG/KG	POTASSIUM
0.41UJ	MG/KG	SELENIUM
1.9UJ	MG/KG	SILVER
160U	MG/KG	SODIUM
0.48U	MG/KG	THALLIUM
45J	MG/KG	VANADIUM
58	MG/KG	ZINC
0.09U	MG/KG	CYANIDE
13	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1086 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 16:15
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
18000	MG/KG	ALUMINUM
0.52UR	MG/KG	ANTIMONY
0.54U	MG/KG	ARSENIC
79	MG/KG	BARIUM
3.7	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
640U	MG/KG	CALCIUM
61J	MG/KG	CHROMIUM
41	MG/KG	COBALT
83J	MG/KG	COPPER
63000	MG/KG	IRON
12	MG/KG	LEAD
3300	MG/KG	MAGNESIUM
1300	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
27	MG/KG	NICKEL
3800	MG/KG	POTASSIUM
0.45UJ	MG/KG	SELENIUM
2.8J	MG/KG	SILVER
86U	MG/KG	SODIUM
0.52U	MG/KG	THALLIUM
62J	MG/KG	VANADIUM
66	MG/KG	ZINC
0.09U	MG/KG	CYANIDE
21	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

METALS SAMPLE ANALYSIS | EPA - REGION IV SESD, ATHENS, GA | Production Date: 01/13/2000 16:30

Sample 1087 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
18000	MG/KG	ALUMINUM
0.51UR	MG/KG	ANTIMONY
1.4	MG/KG	ARSENIC
110	MG/KG	BARIUM
2.9	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
630U	MG/KG	CALCIUM
38J	MG/KG	CHROMIUM
27	MG/KG	COBALT
64J	MG/KG	COPPER
41000	MG/KG	IRON
12	MG/KG	LEAD
3900	MG/KG	MAGNESIUM
920	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
24	MG/KG	NICKEL
4800	MG/KG	POTASSIUM
0.44UJ	MG/KG	SELENIUM
1.7UJ	MG/KG	SILVER
38U	MG/KG	SODIUM
0.51U	MG/KG	THALLIUM
46J	MG/KG	VANADIUM
82	MG/KG	ZINC
0.07U	MG/KG	CYANIDE
18	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1088 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:30
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
20000	MG/KG	ALUMINUM
0.51UR	MG/KG	ANTIMONY
4.8	MG/KG	ARSENIC
130	MG/KG	BARIUM
3.8	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
640U	MG/KG	CALCIUM
38J	MG/KG	CHROMIUM
39	MG/KG	COBALT
58J	MG/KG	COPPER
37000	MG/KG	IRON
9.8	MG/KG	LEAD
4400	MG/KG	MAGNESIUM
1300	MG/KG	MANGANESE
0.06U	MG/KG	TOTAL MERCURY
18	MG/KG	NICKEL
4800	MG/KG	POTASSIUM
0.44UJ	MG/KG	SELENIUM
1.2UJ	MG/KG	SILVER
38U	MG/KG	SODIUM
0.51U	MG/KG	THALLIUM
39J	MG/KG	VANADIUM
99	MG/KG	ZINC
0.20U	MG/KG	CYANIDE
20	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

METALS SAMPLE ANALYSIS | EPA - REGION IV SESD, ATHENS, GA | Production Date: 01/13/2000 16:30

Sample 1089 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:30

Ending:

RESULTS	UNITS	ANALYTE
17000	MG/KG	ALUMINUM
0.56UR	MG/KG	ANTIMONY
3.2	MG/KG	ARSENIC
140	MG/KG	BARIUM
1.2U	MG/KG	BERYLLIUM
0.08U	MG/KG	CADMIUM
690U	MG/KG	CALCIUM
14J	MG/KG	CHROMIUM
6.1U	MG/KG	COBALT
8.2J	MG/KG	COPPER
12000	MG/KG	IRON
21	MG/KG	LEAD
820	MG/KG	MAGNESIUM
1000	MG/KG	MANGANESE
0.08U	MG/KG	TOTAL MERCURY
8.8	MG/KG	NICKEL
770	MG/KG	POTASSIUM
0.48UJ	MG/KG	SELENIUM
4.4J	MG/KG	SILVER
41U	MG/KG	SODIUM
0.56U	MG/KG	THALLIUM
24J	MG/KG	VANADIUM
34	MG/KG	ZINC
0.27U	MG/KG	CYANIDE
25	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1090 FY 2000 Project: 00-0101

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:10
Ending:

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
12000	MG/KG	ALUMINUM
0.45UR	MG/KG	ANTIMONY
0.50U	MG/KG	ARSENIC
88	MG/KG	BARIUM
0.60U	MG/KG	BERYLLIUM
0.06U	MG/KG	CADMIUM
1700	MG/KG	CALCIUM
22J	MG/KG	CHROMIUM
5.9U	MG/KG	COBALT
35J	MG/KG	COPPER
17000	MG/KG	IRON
5.5	MG/KG	LEAD
3900	MG/KG	MAGNESIUM
210	MG/KG	MANGANESE
0.05U	MG/KG	TOTAL MERCURY
22	MG/KG	NICKEL
3400	MG/KG	POTASSIUM
0.38UJ	MG/KG	SELENIUM
11J	MG/KG	SILVER
210U	MG/KG	SODIUM
0.45U	MG/KG	THALLIUM
27J	MG/KG	VANADIUM
69	MG/KG	ZINC
0.10U	MG/KG	CYANIDE
8	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1091 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Guthrie, Diane

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:45

Ending:

RESULTS	UNITS	ANALYTE
12000	MG/KG	ALUMINUM
0.50UR	MG/KG	ANTIMONY
1.2U	MG/KG	ARSENIC
46	MG/KG	BARIUM
0.33U	MG/KG	BERYLLIUM
0.07U	MG/KG	CADMIUM
610U	MG/KG	CALCIUM
16J	MG/KG	CHROMIUM
1.4U	MG/KG	COBALT
6.3J	MG/KG	COPPER
8900	MG/KG	IRON
6.8	MG/KG	LEAD
460	MG/KG	MAGNESIUM
39	MG/KG	MANGANESE
0.05U	MG/KG	TOTAL MERCURY
3.8	MG/KG	NICKEL
570	MG/KG	POTASSIUM
0.42UJ	MG/KG	SELENIUM
0.33UJ	MG/KG	SILVER
210U	MG/KG	SODIUM
0.50U	MG/KG	THALLIUM
25J	MG/KG	VANADIUM
17	MG/KG	ZINC
0.12U	MG/KG	CYANIDE
15	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1094 FY 2000 Project: 00-0101

METALS SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: QA005PES / MD No: RS61 Inorg Contractor: SENTIN

Media: SEDIMSPK

Produced by: Guthrie, Diane
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:00
Ending:
ICC00564

RESULTS	UNITS	ANALYTE
1600	MG/KG	ALUMINUM
2.6	MG/KG	ANTIMONY
65	MG/KG	ARSENIC
180	MG/KG	BARIUM
0.04	MG/KG	BERYLLIUM
1.0	MG/KG	CADMIUM
33000	MG/KG	CALCIUM
3.3	MG/KG	CHROMIUM
8.5	MG/KG	COBALT
660	MG/KG	COPPER
2600	MG/KG	IRON
670	MG/KG	LEAD
13000	MG/KG	MAGNESIUM
370	MG/KG	MANGANESE
1.0	MG/KG	TOTAL MERCURY
5.0	MG/KG	NICKEL
640	MG/KG	POTASSIUM
0.36U	MG/KG	SELENIUM
0.40	MG/KG	SILVER
31U	MG/KG	SODIUM
0.42U	MG/KG	THALLIUM
130	MG/KG	VANADIUM
940	MG/KG	ZINC
NA	MG/KG	CYANIDE
0	%	% MOISTURE

CYANIDE ANALYSIS NOT REQUESTED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

rec'd 1/3/00 HK

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 12/29/1999

Subject: Results of EXTRACTABLES Organic Chemistry Section Sample Analysis
00-0101 CTS of Asheville Inc
Skyland, NC

From: Goddard, Denise

To: Rigger, Don

CC: Heather Kennedy
START

Thru: QA Office

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 1r FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 08:25

Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
940U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
940U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
940U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
940U	UG/KG	2,4-DINITROPHENOL
940U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
940U	UG/KG	4-NITROANILINE
940U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
940U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
39J	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380U	UG/KG	BENZYL BUTYL PHTHALATE
380UJ	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
3000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380U	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380UJ	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 08:25
Ending:

RESULTS	UNITS	ANALYTE
6600J	UG/KG	29 UNKNOWN COMPOUNDS
1300J	UG/KG	ALDOL
170J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:45

Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
940U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
940U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
940U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
940U	UG/KG	2,4-DINITROPHENOL
940U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
940U	UG/KG	4-NITROANILINE
940U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
940U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380U	UG/KG	BENZYL BUTYL PHTHALATE
380UJ	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380U	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380UJ	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

EXTRACTABLES SAMPLE ANALYSIS | EPA - REGION IV SESD, ATHENS, GA | Production Date: 12/29/1999 14:06

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:45
Ending:

RESULTS	UNITS	ANALYTE
11000J	UG/KG	20 UNKNOWN COMPOUNDS
5800J	UG/KG	6 UNKNOWN SILOXANES
160J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:50

Ending:

RESULTS	UNITS	ANALYTE
360U	UG/KG	BENZALDEHYDE
360U	UG/KG	PHENOL
360UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
360U	UG/KG	2-CHLOROPHENOL
360U	UG/KG	2-METHYLPHENOL
360U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
360U	UG/KG	ACETOPHENONE
360U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
360U	UG/KG	N-NITROSODI-N-PROPYLAMINE
360U	UG/KG	HEXACHLOROETHANE
360U	UG/KG	NITROBENZENE
360U	UG/KG	ISOPHORONE
360U	UG/KG	2-NITROPHENOL
360U	UG/KG	2,4-DIMETHYLPHENOL
360U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
360U	UG/KG	2,4-DICHLOROPHENOL
360U	UG/KG	NAPHTHALENE
360U	UG/KG	4-CHLOROANILINE
360U	UG/KG	HEXACHLOROBUTADIENE
360U	UG/KG	CAPROLACTAM
360U	UG/KG	4-CHLORO-3-METHYLPHENOL
360U	UG/KG	2-METHYLNAPHTHALENE
360U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
360U	UG/KG	2,4,6-TRICHLOROPHENOL
910U	UG/KG	2,4,5-TRICHLOROPHENOL
360U	UG/KG	1,1-BIPHENYL
360U	UG/KG	2-CHLORONAPHTHALENE
910U	UG/KG	2-NITROANILINE
360U	UG/KG	DIMETHYL PHTHALATE
360U	UG/KG	2,6-DINITROTOLUENE
360U	UG/KG	ACENAPHTHYLENE
910U	UG/KG	3-NITROANILINE
360U	UG/KG	ACENAPHTHENE
910U	UG/KG	2,4-DINITROPHENOL
910U	UG/KG	4-NITROPHENOL
360U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
360U	UG/KG	2,4-DINITROTOLUENE
360U	UG/KG	DIETHYL PHTHALATE
360U	UG/KG	FLUORENE
360U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
910U	UG/KG	4-NITROANILINE
910U	UG/KG	2-METHYL-4,6-DINITROPHENOL
360U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
360U	UG/KG	4-BROMOPHENYL PHENYL ETHER
360U	UG/KG	HEXACHLOROBENZENE (HCB)
360U	UG/KG	ATRAZINE
910U	UG/KG	PENTACHLOROPHENOL
360U	UG/KG	PHENANTHRENE
360U	UG/KG	ANTHRACENE
360U	UG/KG	CARBAZOLE
360U	UG/KG	DI-N-BUTYLPHTHALATE
360U	UG/KG	FLUORANTHENE
360U	UG/KG	PYRENE
360U	UG/KG	BENZYL BUTYL PHTHALATE
360UJ	UG/KG	3,3'-DICHLOROBENZIDINE
360U	UG/KG	BENZO(A)ANTHRACENE
360U	UG/KG	CHRYSENE
360U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
360U	UG/KG	DI-N-OCTYLPHTHALATE
360U	UG/KG	BENZO(B)FLUORANTHENE
360UJ	UG/KG	BENZO(K)FLUORANTHENE
360U	UG/KG	BENZO-A-PYRENE
360U	UG/KG	INDENO (1,2,3-CD) PYRENE
360U	UG/KG	DIBENZO(A,H)ANTHRACENE
360U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
9	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

EXTRACTABLES SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:06**

Sample 10[redacted] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 10:50
Ending:

RESULTS	UNITS	ANALYTE
15000J	UG/KG	23 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms. 1.when no value is reported see chlordane constituents 2.constituents or metabolites of technical chlordane

EXTRACTABLES SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** Production Date: 12/20/1999 1:00

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SS / MD No: RS66 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS66 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:25

Ending:

RESULTS	UNITS	ANALYTE
370U	UG/KG	BENZALDEHYDE
370U	UG/KG	PHENOL
370UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
370U	UG/KG	2-CHLOROPHENOL
370U	UG/KG	2-METHYLPHENOL
370U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
370U	UG/KG	ACETOPHENONE
370U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
370U	UG/KG	N-NITROSODI-N-PROPYLAMINE
370U	UG/KG	HEXACHLOROETHANE
370U	UG/KG	NITROBENZENE
370U	UG/KG	ISOPHORONE
370U	UG/KG	2-NITROPHENOL
370U	UG/KG	2,4-DIMETHYLPHENOL
370U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
370U	UG/KG	2,4-DICHLOROPHENOL
370U	UG/KG	NAPHTHALENE
370U	UG/KG	4-CHLOROANILINE
370U	UG/KG	HEXACHLOROBUTADIENE
370U	UG/KG	CAPROLACTAM
370U	UG/KG	4-CHLORO-3-METHYLPHENOL
370U	UG/KG	2-METHYLNAPHTHALENE
370U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
370U	UG/KG	2,4,6-TRICHLOROPHENOL
930U	UG/KG	2,4,5-TRICHLOROPHENOL
370U	UG/KG	1,1-BIPHENYL
370U	UG/KG	2-CHLORONAPHTHALENE
930U	UG/KG	2-NITROANILINE
370U	UG/KG	DIMETHYL PHTHALATE
370U	UG/KG	2,6-DINITROTOLUENE
370U	UG/KG	ACENAPHTHYLENE
930U	UG/KG	3-NITROANILINE
370U	UG/KG	ACENAPHTHENE
930U	UG/KG	2,4-DINITROPHENOL
930U	UG/KG	4-NITROPHENOL
370U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
370U	UG/KG	2,4-DINITROTOLUENE
370U	UG/KG	DIETHYL PHTHALATE
370U	UG/KG	FLUORENE
370U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
930U	UG/KG	4-NITROANILINE
930U	UG/KG	2-METHYL-4,6-DINITROPHENOL
370U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
370U	UG/KG	4-BROMOPHENYL PHENYL ETHER
370U	UG/KG	HEXACHLOROBENZENE (HCB)
370U	UG/KG	ATRAZINE
930U	UG/KG	PENTACHLOROPHENOL
370U	UG/KG	PHENANTHRENE
370U	UG/KG	ANTHRACENE
370U	UG/KG	CARBAZOLE
370U	UG/KG	DI-N-BUTYLPHTHALATE
370U	UG/KG	FLUORANTHENE
370U	UG/KG	PYRENE
370U	UG/KG	BENZYL BUTYL PHTHALATE
370UJ	UG/KG	3,3'-DICHLOROBENZIDINE
370U	UG/KG	BENZO(A)ANTHRACENE
370U	UG/KG	CHRYSENE
370U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
370U	UG/KG	DI-N-OCTYLPHTHALATE
370U	UG/KG	BENZO(B)FLUORANTHENE
370UJ	UG/KG	BENZO(K)FLUORANTHENE
370U	UG/KG	BENZO-A-PYRENE
370U	UG/KG	INDENO (1,2,3-CD) PYRENE
370U	UG/KG	DIBENZO(A,H)ANTHRACENE
370U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
11	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG02SS / MD No: RS66 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS66 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 10:25
Ending:

RESULTS	UNITS	ANALYTE
22000J	UG/KG	28 UNKNOWN COMPOUNDS
2800JN	UG/KG	2 UNKNOWN CARBOXYLIC ACIDS
560JN	UG/KG	UNKNOWN ACID ESTER

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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
C-confirmed by gcms: 1.when no value is reported: see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SBA / MD No: RS67 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS67 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 11:25

Ending:

RESULTS	UNITS	ANALYTE
360U	UG/KG	BENZALDEHYDE
360U	UG/KG	PHENOL
360UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
360U	UG/KG	2-CHLOROPHENOL
360U	UG/KG	2-METHYLPHENOL
360U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
360U	UG/KG	ACETOPHENONE
360U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
360U	UG/KG	N-NITROSODI-N-PROPYLAMINE
360U	UG/KG	HEXACHLOROETHANE
360U	UG/KG	NITROBENZENE
360U	UG/KG	ISOPHORONE
360U	UG/KG	2-NITROPHENOL
360U	UG/KG	2,4-DIMETHYLPHENOL
360U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
360U	UG/KG	2,4-DICHLOROPHENOL
360U	UG/KG	NAPHTHALENE
360U	UG/KG	4-CHLOROANILINE
360U	UG/KG	HEXACHLOROBUTADIENE
360U	UG/KG	CAPROLACTAM
360U	UG/KG	4-CHLORO-3-METHYLPHENOL
360U	UG/KG	2-METHYLNAPHTHALENE
360U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
360U	UG/KG	2,4,6-TRICHLOROPHENOL
910U	UG/KG	2,4,5-TRICHLOROPHENOL
360U	UG/KG	1,1-BIPHENYL
360U	UG/KG	2-CHLORONAPHTHALENE
910U	UG/KG	2-NITROANILINE
360U	UG/KG	DIMETHYL PHTHALATE
360U	UG/KG	2,6-DINITROTOLUENE
360U	UG/KG	ACENAPHTHYLENE
910U	UG/KG	3-NITROANILINE
360U	UG/KG	ACENAPHTHENE
910U	UG/KG	2,4-DINITROPHENOL
910U	UG/KG	4-NITROPHENOL
360U	UG/KG	DIBENZOFURAN
360U	UG/KG	2,4-DINITROTOLUENE
360U	UG/KG	DIETHYL PHTHALATE
360U	UG/KG	FLUORENE
360U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
910U	UG/KG	4-NITROANILINE
910U	UG/KG	2-METHYL-4,6-DINITROPHENOL
360U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
360U	UG/KG	4-BROMOPHENYL PHENYL ETHER
360U	UG/KG	HEXACHLOROBENZENE (HCB)
360U	UG/KG	ATRAZINE
910U	UG/KG	PENTACHLOROPHENOL
360U	UG/KG	PHENANTHRENE
360U	UG/KG	ANTHRACENE
360U	UG/KG	CARBAZOLE
360U	UG/KG	DI-N-BUTYLPHTHALATE
360U	UG/KG	FLUORANTHENE
360U	UG/KG	PYRENE
360U	UG/KG	BENZYL BUTYL PHTHALATE
360UJ	UG/KG	3,3'-DICHLOROBENZIDINE
360U	UG/KG	BENZO(A)ANTHRACENE
360U	UG/KG	CHRYSENE
360U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
360U	UG/KG	DI-N-OCTYLPHTHALATE
360U	UG/KG	BENZO(B)FLUORANTHENE
360UJ	UG/KG	BENZO(K)FLUORANTHENE
360U	UG/KG	BENZO-A-PYRENE
360U	UG/KG	INDENO (1,2,3-CD) PYRENE
360U	UG/KG	DIBENZO(A,H)ANTHRACENE
360U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
9	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG02SBA / MD No: RS67 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS67 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 11:25
Ending:

RESULTS	UNITS	ANALYTE
270JN	UG/KG	UNKNOWN AMIDE
81JN	UG/KG	UNKNOWN ACID ESTER
430J	UG/KG	3 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SD / MD No: RS68 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS68 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:00

Ending:

RESULTS	UNITS	ANALYTE
500U	UG/KG	BENZALDEHYDE
500U	UG/KG	PHENOL
500UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
500U	UG/KG	2-CHLOROPHENOL
500U	UG/KG	2-METHYLPHENOL
500U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
500U	UG/KG	ACETOPHENONE
500U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
500U	UG/KG	N-NITROSODI-N-PROPYLAMINE
500U	UG/KG	HEXACHLOROETHANE
500U	UG/KG	NITROBENZENE
500U	UG/KG	ISOPHORONE
500U	UG/KG	2-NITROPHENOL
500U	UG/KG	2,4-DIMETHYLPHENOL
500U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
500U	UG/KG	2,4-DICHLOROPHENOL
1500	UG/KG	NAPHTHALENE
500U	UG/KG	4-CHLOROANILINE
500U	UG/KG	HEXACHLOROBUTADIENE
500U	UG/KG	CAPROLACTAM
500U	UG/KG	4-CHLORO-3-METHYLPHENOL
4600	UG/KG	2-METHYLNAPHTHALENE
500U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
500U	UG/KG	2,4,6-TRICHLOROPHENOL
1200U	UG/KG	2,4,5-TRICHLOROPHENOL
430J	UG/KG	1,1-BIPHENYL
500U	UG/KG	2-CHLORONAPHTHALENE
1200U	UG/KG	2-NITROANILINE
500U	UG/KG	DIMETHYL PHTHALATE
500U	UG/KG	2,6-DINITROTOLUENE
500U	UG/KG	ACENAPHTHYLENE
1200U	UG/KG	3-NITROANILINE
500U	UG/KG	ACENAPHTHENE
1200U	UG/KG	2,4-DINITROPHENOL
1200U	UG/KG	4-NITROPHENOL
500U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
500U	UG/KG	2,4-DINITROTOLUENE
500U	UG/KG	DIETHYL PHTHALATE
1500	UG/KG	FLUORENE
500U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1200U	UG/KG	4-NITROANILINE
1200U	UG/KG	2-METHYL-4,6-DINITROPHENOL
500U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
500U	UG/KG	4-BROMOPHENYL PHENYL ETHER
500U	UG/KG	HEXACHLOROBENZENE (HCB)
500U	UG/KG	ATRAZINE
1200U	UG/KG	PENTACHLOROPHENOL
500U	UG/KG	PHENANTHRENE
500U	UG/KG	ANTHRACENE
86J	UG/KG	CARBAZOLE
500U	UG/KG	DI-N-BUTYLPHTHALATE
62J	UG/KG	FLUORANTHENE
500U	UG/KG	PYRENE
500U	UG/KG	BENZYL BUTYL PHTHALATE
500UJ	UG/KG	3,3'-DICHLOROBENZIDINE
500U	UG/KG	BENZO(A)ANTHRACENE
500U	UG/KG	CHRYSENE
500U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
500U	UG/KG	DI-N-OCTYLPHTHALATE
500U	UG/KG	BENZO(B)FLUORANTHENE
500UJ	UG/KG	BENZO(K)FLUORANTHENE
500U	UG/KG	BENZO-A-PYRENE
500U	UG/KG	INDENO (1,2,3-CD) PYRENE
500U	UG/KG	DIBENZO(A,H)ANTHRACENE
500U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
34	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SD / MD No: RS68 Inorg Contractor: SENTIN
Media: SEDIMENT D No: RS68 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:00
Ending:

RESULTS	UNITS	ANALYTE
3600JN	UG/KG	2 SUBSTITUTED BENZENES
2000NJ	UG/KG	1H-INDENE, 2, 3-DIHYDRO-1, 2-D
5200NJ	UG/KG	NAPHTHALENE, 1-METHYL-
58000J	UG/KG	16 UNKNOWN COMPOUNDS
1200JN	UG/KG	DIHYDRONAPHTHALENONE + UNKNO
1500JN	UG/KG	SUBSTITUTED PHENANTHRENE
3500NJ	UG/KG	9H-FLUORENE, 9-METHYL-
1900NJ	UG/KG	.GAMMA.-SITOSTEROL
13000JN	UG/KG	4 DIMETHYLNAPHTHALENE ISOMERS
4700JN	UG/KG	2 TRIMETHYLNAPHTHALENE ISOMERS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SD / MD No: RS69 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS69 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:15

Ending:

RESULTS	UNITS	ANALYTE
480U	UG/KG	BENZALDEHYDE
480U	UG/KG	PHENOL
480UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
480U	UG/KG	2-CHLOROPHENOL
480U	UG/KG	2-METHYLPHENOL
480U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
480U	UG/KG	ACETOPHENONE
480U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
480U	UG/KG	N-NITROSODI-N-PROPYLAMINE
480U	UG/KG	HEXACHLOROETHANE
480U	UG/KG	NITROBENZENE
480U	UG/KG	ISOPHORONE
480U	UG/KG	2-NITROPHENOL
480U	UG/KG	2,4-DIMETHYLPHENOL
480U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
480U	UG/KG	2,4-DICHLOROPHENOL
1200	UG/KG	NAPHTHALENE
480U	UG/KG	4-CHLOROANILINE
480U	UG/KG	HEXACHLOROBUTADIENE
480U	UG/KG	CAPROLACTAM
480U	UG/KG	4-CHLORO-3-METHYLPHENOL
9500	UG/KG	2-METHYLNAPHTHALENE
480U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
480U	UG/KG	2,4,6-TRICHLOROPHENOL
1200U	UG/KG	2,4,5-TRICHLOROPHENOL
480U	UG/KG	1,1-BIPHENYL
480U	UG/KG	2-CHLORONAPHTHALENE
1200U	UG/KG	2-NITROANILINE
480U	UG/KG	DIMETHYL PHTHALATE
480U	UG/KG	2,6-DINITROTOLUENE
480U	UG/KG	ACENAPHTHYLENE
1200U	UG/KG	3-NITROANILINE
480U	UG/KG	ACENAPHTHENE
1200U	UG/KG	2,4-DINITROPHENOL
1200U	UG/KG	4-NITROPHENOL
480U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
480U	UG/KG	2,4-DINITROTOLUENE
480U	UG/KG	DIETHYL PHTHALATE
2700	UG/KG	FLUORENE
480U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1200U	UG/KG	4-NITROANILINE
1200U	UG/KG	2-METHYL-4,6-DINITROPHENOL
480U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
480U	UG/KG	4-BROMOPHENYL PHENYL ETHER
480U	UG/KG	HEXACHLOROBENZENE (HCB)
480U	UG/KG	ATRAZINE
1200U	UG/KG	PENTACHLOROPHENOL
2800	UG/KG	PHENANTHRENE
480U	UG/KG	ANTHRACENE
480U	UG/KG	CARBAZOLE
480U	UG/KG	DI-N-BUTYLPHTHALATE
480U	UG/KG	FLUORANTHENE
240J	UG/KG	PYRENE
480U	UG/KG	BENZYL BUTYL PHTHALATE
480UJ	UG/KG	3,3'-DICHLOROBENZIDINE
480U	UG/KG	BENZO(A)ANTHRACENE
480U	UG/KG	CHRYSENE
480U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
480U	UG/KG	DI-N-OCTYLPHTHALATE
480U	UG/KG	BENZO(B)FLUORANTHENE
480UJ	UG/KG	BENZO(K)FLUORANTHENE
480U	UG/KG	BENZO-A-PYRENE
480U	UG/KG	INDENO (1,2,3-CD) PYRENE
480U	UG/KG	DIBENZO(A,H)ANTHRACENE
480U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
32	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG02SD / MD No: RS69 Inorg Contractor: SENTIN
Media: SEDIMENT D No: RS69 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:15
Ending:

RESULTS	UNITS	ANALYTE
75000J	UG/KG	9 UNKNOWN COMPOUNDS
1500NJ	UG/KG	BENZENE, 1-METHYL-2-PROPYL-
3300JN	UG/KG	SUBSTITUTED BENZENE
2300NJ	UG/KG	NAPHTHALENE, 1-METHYL-
9200JN	UG/KG	METHYLFLUORENE
25000JN	UG/KG	METHYLPHENANTHRENE
11000JN	UG/KG	METHYLANTHRACENE
3600JN	UG/KG	DIMETHYLPHENANTHRENE
5800NJ	UG/KG	PHENANTHRENE, 2, 3-DIMETHYL-
17000JN	UG/KG	2 DIMETHYLNAPHTHALENE ISOMERS
20000JN	UG/KG	2 TRIMETHYLNAPHTHALENE ISOMERS
5700NJ	UG/KG	NAPHTHALENE, 2-(1-METHYLETHY
11000NJ	UG/KG	NAPHTHALENE, 1,4,6-TRIMETHYL

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS70 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
460U	UG/KG	BENZALDEHYDE
460U	UG/KG	PHENOL
460UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
460U	UG/KG	2-CHLOROPHENOL
460U	UG/KG	2-METHYLPHENOL
460U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
460U	UG/KG	ACETOPHENONE
460U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
460U	UG/KG	N-NITROSODI-N-PROPYLAMINE
460U	UG/KG	HEXACHLOROETHANE
460U	UG/KG	NITROBENZENE
460U	UG/KG	ISOPHORONE
460U	UG/KG	2-NITROPHENOL
460U	UG/KG	2,4-DIMETHYLPHENOL
460U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
460U	UG/KG	2,4-DICHLOROPHENOL
460U	UG/KG	NAPHTHALENE
460U	UG/KG	4-CHLOROANILINE
460U	UG/KG	HEXACHLOROBUTADIENE
460U	UG/KG	CAPROLACTAM
460U	UG/KG	4-CHLORO-3-METHYLPHENOL
460U	UG/KG	2-METHYLNAPHTHALENE
460U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
460U	UG/KG	2,4,6-TRICHLOROPHENOL
1200U	UG/KG	2,4,5-TRICHLOROPHENOL
460U	UG/KG	1,1-BIPHENYL
460U	UG/KG	2-CHLORONAPHTHALENE
1200U	UG/KG	2-NITROANILINE
460U	UG/KG	DIMETHYL PHTHALATE
460U	UG/KG	2,6-DINITROTOLUENE
460U	UG/KG	ACENAPHTHYLENE
1200U	UG/KG	3-NITROANILINE
460U	UG/KG	ACENAPHTHENE
1200U	UG/KG	2,4-DINITROPHENOL
1200U	UG/KG	4-NITROPHENOL
460U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
460U	UG/KG	2,4-DINITROTOLUENE
460U	UG/KG	DIETHYL PHTHALATE
460U	UG/KG	FLUORENE
460U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1200U	UG/KG	4-NITROANILINE
1200U	UG/KG	2-METHYL-4,6-DINITROPHENOL
460U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
460U	UG/KG	4-BROMOPHENYL PHENYL ETHER
460U	UG/KG	HEXACHLOROBENZENE (HCB)
460U	UG/KG	ATRAZINE
1200U	UG/KG	PENTACHLOROPHENOL
53J	UG/KG	PHENANTHRENE
460U	UG/KG	ANTHRACENE
460U	UG/KG	CARBAZOLE
460U	UG/KG	DI-N-BUTYLPHTHALATE
130J	UG/KG	FLUORANTHENE
150J	UG/KG	PYRENE
460U	UG/KG	BENZYL BUTYL PHTHALATE
460UJ	UG/KG	3,3'-DICHLOROBENZIDINE
81J	UG/KG	BENZO(A)ANTHRACENE
130J	UG/KG	CHRYSENE
14000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
460U	UG/KG	DI-N-OCTYLPHTHALATE
180J	UG/KG	BENZO(B)FLUORANTHENE
87J	UG/KG	BENZO(K)FLUORANTHENE
88J	UG/KG	BENZO-A-PYRENE
120J	UG/KG	INDENO (1,2,3-CD) PYRENE
460U	UG/KG	DIBENZO(A,H)ANTHRACENE
460U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
29	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS70 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
2000J	UG/KG	ALDOL
98000J	UG/KG	30 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gc/ms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
100J	UG/KG	BENZALDEHYDE
850U	UG/KG	PHENOL
850U	UG/KG	BIS(2-CHLOROETHYL) ETHER
850U	UG/KG	2-CHLOROPHENOL
850U	UG/KG	2-METHYLPHENOL
850U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
850U	UG/KG	ACETOPHENONE
850U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
850U	UG/KG	N-NITROSODI-N-PROPYLAMINE
850U	UG/KG	HEXACHLOROETHANE
850U	UG/KG	NITROBENZENE
850U	UG/KG	ISOPHORONE
850U	UG/KG	2-NITROPHENOL
850U	UG/KG	2,4-DIMETHYLPHENOL
850U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
850U	UG/KG	2,4-DICHLOROPHENOL
850U	UG/KG	NAPHTHALENE
850U	UG/KG	4-CHLOROANILINE
850U	UG/KG	HEXACHLOROBUTADIENE
850U	UG/KG	CAPROLACTAM
850U	UG/KG	4-CHLORO-3-METHYLPHENOL
850U	UG/KG	2-METHYLNAPHTHALENE
850U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
850U	UG/KG	2,4,6-TRICHLOROPHENOL
2100U	UG/KG	2,4,5-TRICHLOROPHENOL
850U	UG/KG	1,1-BIPHENYL
850U	UG/KG	2-CHLORONAPHTHALENE
2100U	UG/KG	2-NITROANILINE
850U	UG/KG	DIMETHYL PHTHALATE
850U	UG/KG	2,6-DINITROTOLUENE
850U	UG/KG	ACENAPHTHYLENE
2100U	UG/KG	3-NITROANILINE
850U	UG/KG	ACENAPHTHENE
2100UJ	UG/KG	2,4-DINITROPHENOL
2100U	UG/KG	4-NITROPHENOL
850U	UG/KG	DIBENZOFURAN
850U	UG/KG	2,4-DINITROTOLUENE
850U	UG/KG	DIETHYL PHTHALATE
850U	UG/KG	FLUORENE
850U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
2100U	UG/KG	4-NITROANILINE
2100U	UG/KG	2-METHYL-4,6-DINITROPHENOL
850U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
850U	UG/KG	4-BROMOPHENYL PHENYL ETHER
850U	UG/KG	HEXACHLOROBENZENE (HCB)
850U	UG/KG	ATRAZINE
2100U	UG/KG	PENTACHLOROPHENOL
850U	UG/KG	PHENANTHRENE
850U	UG/KG	ANTHRACENE
850U	UG/KG	CARBAZOLE
850U	UG/KG	DI-N-BUTYLPHTHALATE
160J	UG/KG	FLUORANTHENE
180J	UG/KG	PYRENE
850U	UG/KG	BENZYL BUTYL PHTHALATE
850UJ	UG/KG	3,3'-DICHLOROBENZIDINE
850U	UG/KG	BENZO(A)ANTHRACENE
230J	UG/KG	CHRYSENE
4600	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
850U	UG/KG	DI-N-OCTYLPHTHALATE
150J	UG/KG	BENZO(B)FLUORANTHENE
130J	UG/KG	BENZO(K)FLUORANTHENE
170J	UG/KG	BENZO-A-PYRENE
100J	UG/KG	INDENO (1,2,3-CD) PYRENE
220J	UG/KG	DIBENZO(A,H)ANTHRACENE
120J	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
22	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
53000J	UG/KG	28 UNKNOWN COMPOUNDS
6000JN	UG/KG	2 UNKNOWN PAH COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. UA-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.
C-confirmed by GC/MS. I-when no value is reported, see chlordane constituents. 2 constituents or metabolites of technical chlordane

Sample 10f FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:15

Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410U	UG/KG	PHENOL
410UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410U	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410U	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
1200	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
17000	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
410U	UG/KG	2,4-DINITROTOLUENE
410U	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410	UG/KG	PHENANTHRENE
2100	UG/KG	ANTHRACENE
410U	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
96J	UG/KG	PYRENE
410U	UG/KG	BENZYL BUTYL PHTHALATE
410UJ	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
410U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410U	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410UJ	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:15
Ending:

RESULTS	UNITS	ANALYTE
150000J	UG/KG	10 UNKNOWN COMPOUNDS
7000JN	UG/KG	DIMETHYLNAPHTHALENE
18000JN	UG/KG	2 SUBSTITUTED NAPHTHALENES
13000JN	UG/KG	3 TRIMETHYLNAPHTHALENE ISOMERS
21000JN	UG/KG	UNKNOWN AMINE
88000JN	UG/KG	4 UNKNOWN KETONES
13000JN	UG/KG	METHYLANTHRACENE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:15

Ending:

RESULTS	UNITS	ANALYTE
510U	UG/KG	BENZALDEHYDE
510U	UG/KG	PHENOL
510UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
510U	UG/KG	2-CHLOROPHENOL
510U	UG/KG	2-METHYLPHENOL
510U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
510U	UG/KG	ACETOPHENONE
510U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
510U	UG/KG	N-NITROSODI-N-PROPYLAMINE
510U	UG/KG	HEXACHLOROETHANE
510U	UG/KG	NITROBENZENE
510U	UG/KG	ISOPHORONE
510U	UG/KG	2-NITROPHENOL
510U	UG/KG	2,4-DIMETHYLPHENOL
510U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
510U	UG/KG	2,4-DICHLOROPHENOL
1000	UG/KG	NAPHTHALENE
510U	UG/KG	4-CHLOROANILINE
510U	UG/KG	HEXACHLOROBUTADIENE
510U	UG/KG	CAPROLACTAM
510U	UG/KG	4-CHLORO-3-METHYLPHENOL
23000	UG/KG	2-METHYLNAPHTHALENE
510U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
510U	UG/KG	2,4,6-TRICHLOROPHENOL
1300U	UG/KG	2,4,5-TRICHLOROPHENOL
1300	UG/KG	1,1-BIPHENYL
510U	UG/KG	2-CHLORONAPHTHALENE
1300U	UG/KG	2-NITROANILINE
510U	UG/KG	DIMETHYL PHTHALATE
510U	UG/KG	2,6-DINITROTOLUENE
510U	UG/KG	ACENAPHTHYLENE
1300U	UG/KG	3-NITROANILINE
510U	UG/KG	ACENAPHTHENE
1300U	UG/KG	2,4-DINITROPHENOL
1300U	UG/KG	4-NITROPHENOL
510U	UG/KG	DIBENZOFURAN
510U	UG/KG	2,4-DINITROTOLUENE
510U	UG/KG	DIETHYL PHTHALATE
410J	UG/KG	FLUORENE
510U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1300U	UG/KG	4-NITROANILINE
1300U	UG/KG	2-METHYL-4,6-DINITROPHENOL
510U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
510U	UG/KG	4-BROMOPHENYL PHENYL ETHER
510U	UG/KG	HEXACHLOROBENZENE (HCB)
510U	UG/KG	ATRAZINE
1300U	UG/KG	PENTACHLOROPHENOL
510U	UG/KG	PHENANTHRENE
3600	UG/KG	ANTHRACENE
510U	UG/KG	CARBAZOLE
510U	UG/KG	DI-N-BUTYLPHTHALATE
510U	UG/KG	FLUORANTHENE
120J	UG/KG	PYRENE
510U	UG/KG	BENZYL BUTYL PHTHALATE
510UJ	UG/KG	3,3'-DICHLOROBENZIDINE
510U	UG/KG	BENZO(A)ANTHRACENE
510U	UG/KG	CHRYSENE
7400	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
510U	UG/KG	DI-N-OCTYLPHTHALATE
510U	UG/KG	BENZO(B)FLUORANTHENE
510UJ	UG/KG	BENZO(K)FLUORANTHENE
510U	UG/KG	BENZO-A-PYRENE
510U	UG/KG	INDENO (1,2,3-CD) PYRENE
510U	UG/KG	DIBENZO(A,H)ANTHRACENE
510U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
35	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. P-presumptive evidence of presence of material.
E-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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents. 2. constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:15

Ending:

RESULTS	UNITS	ANALYTE
4700NJ	UG/KG	NAPHTHALENE, 1-METHYL-
410NJ	UG/KG	NAPHTHALENE, 1-ETHYL-
4200J	UG/KG	9 UNKNOWN COMPOUNDS
2200JN	UG/KG	2 DIMETHYLNAPHTHALENE ISOMERS
540NJ	UG/KG	DIPHENYLMETHANE
3400JN	UG/KG	5 TRIMETHYLNAPHTHALENE ISOMERS
730JN	UG/KG	SUBSTITUTED NAPHTHALENE
600NJ	UG/KG	9-PHENANTHRENOL
1300JN	UG/KG	2 UNKNOWN KETONES
1400JN	UG/KG	3 METHYLANTHRACENE ISOMERS
370JN	UG/KG	DIMETHYLPHENANTHRENE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms 1 when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:10

Ending:

RESULTS	UNITS	ANALYTE
400U	UG/KG	BENZALDEHYDE
400U	UG/KG	PHENOL
400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
400U	UG/KG	2-CHLOROPHENOL
400U	UG/KG	2-METHYLPHENOL
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
120J	UG/KG	ACETOPHENONE
400U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
400U	UG/KG	HEXACHLOROETHANE
400U	UG/KG	NITROBENZENE
400U	UG/KG	ISOPHORONE
400U	UG/KG	2-NITROPHENOL
400U	UG/KG	2,4-DIMETHYLPHENOL
400U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
400U	UG/KG	2,4-DICHLOROPHENOL
62J	UG/KG	NAPHTHALENE
400U	UG/KG	4-CHLOROANILINE
400U	UG/KG	HEXACHLOROBUTADIENE
400U	UG/KG	CAPROLACTAM
400U	UG/KG	4-CHLORO-3-METHYLPHENOL
400U	UG/KG	2-METHYLNAPHTHALENE
400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
400U	UG/KG	1,1-BIPHENYL
400U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
400U	UG/KG	DIMETHYL PHTHALATE
400U	UG/KG	2,6-DINITROTOLUENE
400U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
400U	UG/KG	ACENAPHTHENE
1000UJ	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
400U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
400U	UG/KG	2,4-DINITROTOLUENE
400U	UG/KG	DIETHYL PHTHALATE
400U	UG/KG	FLUORENE
400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
400U	UG/KG	HEXACHLOROBENZENE (HCB)
400U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
400U	UG/KG	PHENANTHRENE
400U	UG/KG	ANTHRACENE
400U	UG/KG	CARBAZOLE
400U	UG/KG	DI-N-BUTYLPHTHALATE
400U	UG/KG	FLUORANTHENE
400U	UG/KG	PYRENE
400U	UG/KG	BENZYL BUTYL PHTHALATE
400UJ	UG/KG	3,3'-DICHLOROBENZIDINE
400U	UG/KG	BENZO(A)ANTHRACENE
400U	UG/KG	CHRYSENE
2100	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
400U	UG/KG	DI-N-OCTYLPHTHALATE
400U	UG/KG	BENZO(B)FLUORANTHENE
400UJ	UG/KG	BENZO(K)FLUORANTHENE
400U	UG/KG	BENZO-A-PYRENE
400U	UG/KG	INDENO (1,2,3-CD) PYRENE
400U	UG/KG	DIBENZO(A,H)ANTHRACENE
400U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
17NA	%	% MOISTURE

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
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1f FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:10
Ending:

RESULTS	UNITS	ANALYTE
7400J	UG/KG	22 UNKNOWN COMPOUNDS
340JN	UG/KG	SUBSTITUTED BENZENE
210NJ	UG/KG	PHTHALIC ANHYDRIDE
650J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
1000J	UG/KG	3 UNKNOWN PHTHALATES
1600JN	UG/KG	3 UNKNOWN CARBOXYLIC ACIDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
56J	UG/KG	BENZALDEHYDE
380UJ	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380UJ	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960UJ	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380UJ	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
120J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
1700J	UG/KG	6 UNKNOWN COMPOUNDS
280J	UG/KG	2 UNKNOWN PHTHALATES

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms. 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:02
Ending:

RESULTS	UNITS	ANALYTE
420U	UG/KG	BENZALDEHYDE
420UJ	UG/KG	PHENOL
420U	UG/KG	BIS(2-CHLOROETHYL) ETHER
420U	UG/KG	2-CHLOROPHENOL
420U	UG/KG	2-METHYLPHENOL
420U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
420U	UG/KG	ACETOPHENONE
420U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
420U	UG/KG	N-NITROSODI-N-PROPYLAMINE
420U	UG/KG	HEXACHLOROETHANE
420U	UG/KG	NITROBENZENE
420U	UG/KG	ISOPHORONE
420U	UG/KG	2-NITROPHENOL
420U	UG/KG	2,4-DIMETHYLPHENOL
420U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
420U	UG/KG	2,4-DICHLOROPHENOL
420U	UG/KG	NAPHTHALENE
420U	UG/KG	4-CHLOROANILINE
420U	UG/KG	HEXACHLOROBUTADIENE
420U	UG/KG	CAPROLACTAM
420U	UG/KG	4-CHLORO-3-METHYLPHENOL
420U	UG/KG	2-METHYLNAPHTHALENE
420U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
420U	UG/KG	2,4,6-TRICHLOROPHENOL
1100U	UG/KG	2,4,5-TRICHLOROPHENOL
420U	UG/KG	1,1-BIPHENYL
420U	UG/KG	2-CHLORONAPHTHALENE
1100U	UG/KG	2-NITROANILINE
420U	UG/KG	DIMETHYL PHTHALATE
420U	UG/KG	2,6-DINITROTOLUENE
420U	UG/KG	ACENAPHTHYLENE
1100U	UG/KG	3-NITROANILINE
420U	UG/KG	ACENAPHTHENE
1100U	UG/KG	2,4-DINITROPHENOL
1100U	UG/KG	4-NITROPHENOL
420U	UG/KG	DIBENZOFURAN
420U	UG/KG	2,4-DINITROTOLUENE
420UJ	UG/KG	DIETHYL PHTHALATE
420U	UG/KG	FLUORENE
420U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1100UJ	UG/KG	4-NITROANILINE
1100U	UG/KG	2-METHYL-4,6-DINITROPHENOL
420U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
420U	UG/KG	4-BROMOPHENYL PHENYL ETHER
420U	UG/KG	HEXACHLOROBENZENE (HCB)
420U	UG/KG	ATRAZINE
1100U	UG/KG	PENTACHLOROPHENOL
420U	UG/KG	PHENANTHRENE
420U	UG/KG	ANTHRACENE
420UJ	UG/KG	CARBAZOLE
450	UG/KG	DI-N-BUTYLPHTHALATE
420U	UG/KG	FLUORANTHENE
420U	UG/KG	PYRENE
420UJ	UG/KG	BENZYL BUTYL PHTHALATE
420UJ	UG/KG	3,3'-DICHLOROBENZIDINE
420U	UG/KG	BENZO(A)ANTHRACENE
420U	UG/KG	CHRYSENE
420U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
420UJ	UG/KG	DI-N-OCTYLPHTHALATE
420U	UG/KG	BENZO(B)FLUORANTHENE
420U	UG/KG	BENZO(K)FLUORANTHENE
420U	UG/KG	BENZO-A-PYRENE
420U	UG/KG	INDENO (1,2,3-CD) PYRENE
420U	UG/KG	DIBENZO(A,H)ANTHRACENE
420U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
22	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[redacted] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:02

Ending:

RESULTS	UNITS	ANALYTE
100J	UG/KG	ALDOL
330J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
3800J	UG/KG	16 UNKNOWN COMPOUNDS
100JN	UG/KG	UNKNOWN CARBOXYLIC ACID
150JN	UG/KG	UNKNOWN AMIDE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:10

Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380UJ	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380UJ	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960UJ	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380UJ	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported: see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:10
Ending:

RESULTS	UNITS	ANALYTE
94J	UG/KG	ALDOL
250J	UG/KG	2 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms. ! when no value is reported, see chlordane constituents ! constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:30

Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410UJ	UG/KG	PHENOL
410U	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410U	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410U	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
120J	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
410U	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
410U	UG/KG	2,4-DINITROTOLUENE
410UJ	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000UJ	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410U	UG/KG	PHENANTHRENE
410U	UG/KG	ANTHRACENE
410UJ	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
410U	UG/KG	PYRENE
410UJ	UG/KG	BENZYL BUTYL PHTHALATE
410U	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
410U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410UJ	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410U	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

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
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:30
Ending:

RESULTS	UNITS	ANALYTE
170NJ	UG/KG	1, 3-BENZODIOXOLE, 5- (2-PROPE
330NJ	UG/KG	BENZENESULFONAMIDE, 2-METHYL
440NJ	UG/KG	BENZENESULFONAMIDE, 4-METHYL
9600J	UG/KG	24 UNKNOWN COMPOUNDS
440J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
380NJ	UG/KG	OCTADECANOIC ACID
270JN	UG/KG	UNKNOWN AMIDE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
R-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.
Confirmed by gcms. 1 when no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:50

Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380UJ	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380UJ	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960UJ	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380UJ	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

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
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:50
Ending:

RESULTS	UNITS	ANALYTE
79J	UG/KG	ALDOL
84J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
170J	UG/KG	2 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 15:45
Ending:

RESULTS	UNITS	ANALYTE
370U	UG/KG	BENZALDEHYDE
370UJ	UG/KG	PHENOL
370U	UG/KG	BIS(2-CHLOROETHYL) ETHER
370U	UG/KG	2-CHLOROPHENOL
370U	UG/KG	2-METHYLPHENOL
370U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
370U	UG/KG	ACETOPHENONE
370U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
370U	UG/KG	N-NITROSODI-N-PROPYLAMINE
370U	UG/KG	HEXACHLOROETHANE
370U	UG/KG	NITROBENZENE
370U	UG/KG	ISOPHORONE
370U	UG/KG	2-NITROPHENOL
370U	UG/KG	2,4-DIMETHYLPHENOL
370U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
370U	UG/KG	2,4-DICHLOROPHENOL
370U	UG/KG	NAPHTHALENE
370U	UG/KG	4-CHLOROANILINE
370U	UG/KG	HEXACHLOROBUTADIENE
370U	UG/KG	CAPROLACTAM
370U	UG/KG	4-CHLORO-3-METHYLPHENOL
370U	UG/KG	2-METHYLNAPHTHALENE
370U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
370U	UG/KG	2,4,6-TRICHLOROPHENOL
920U	UG/KG	2,4,5-TRICHLOROPHENOL
370U	UG/KG	1,1-BIPHENYL
370U	UG/KG	2-CHLORONAPHTHALENE
920U	UG/KG	2-NITROANILINE
370U	UG/KG	DIMETHYL PHTHALATE
370U	UG/KG	2,6-DINITROTOLUENE
370U	UG/KG	ACENAPHTHYLENE
920U	UG/KG	3-NITROANILINE
370U	UG/KG	ACENAPHTHENE
920U	UG/KG	2,4-DINITROPHENOL
920U	UG/KG	4-NITROPHENOL
370U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
370U	UG/KG	2,4-DINITROTOLUENE
370UJ	UG/KG	DIETHYL PHTHALATE
370U	UG/KG	FLUORENE
370U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
920UJ	UG/KG	4-NITROANILINE
920U	UG/KG	2-METHYL-4,6-DINITROPHENOL
370U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
370U	UG/KG	4-BROMOPHENYL PHENYL ETHER
370U	UG/KG	HEXACHLOROBENZENE (HCB)
370U	UG/KG	ATRAZINE
920U	UG/KG	PENTACHLOROPHENOL
370U	UG/KG	PHENANTHRENE
370U	UG/KG	ANTHRACENE
370UJ	UG/KG	CARBAZOLE
370U	UG/KG	DI-N-BUTYLPHTHALATE
370U	UG/KG	FLUORANTHENE
370U	UG/KG	PYRENE
370UJ	UG/KG	BENZYL BUTYL PHTHALATE
370U	UG/KG	3,3'-DICHLOROBENZIDINE
370U	UG/KG	BENZO(A)ANTHRACENE
370U	UG/KG	CHRYSENE
370U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
370UJ	UG/KG	DI-N-OCTYLPHTHALATE
370U	UG/KG	BENZO(B)FLUORANTHENE
370U	UG/KG	BENZO(K)FLUORANTHENE
370U	UG/KG	BENZO-A-PYRENE
370U	UG/KG	INDENO (1,2,3-CD) PYRENE
370U	UG/KG	DIBENZO(A,H)ANTHRACENE
370U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
10	%	% MOISTURE

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. compounds may or may not be present. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 15:45
Ending:

RESULTS	UNITS	ANALYTE
100J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)
540NJ	UG/KG	HEXANEDIOIC ACID, BIS (2-ETHY
1100J	UG/KG	3 UNKNOWN COMPOUNDS
5100J	UG/KG	11 UNKNOWN PHTHALATES

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380UJ	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380U	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380U	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
940U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
940U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
940U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
940U	UG/KG	2,4-DINITROPHENOL
940U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380UJ	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
940UJ	UG/KG	4-NITROANILINE
940U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
940U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380UJ	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
N	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
12	%	% MOISTURE

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.
C-confirmed by gcms 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
4100J	UG/KG	20 UNKNOWN COMPOUNDS
95J	UG/KG	ALDOL
94J	UG/KG	UNKNOWN PHTHALATE
330NJ	UG/KG	HEXANEDIOIC ACID, BIS (2-ETHY
290J	UG/KG	UNKNOWN CARBOXYLIC ACID (BC)

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 16:00

Ending:

RESULTS	UNITS	ANALYTE
420	UG/KG	BENZALDEHYDE
400U	UG/KG	PHENOL
400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
400U	UG/KG	2-CHLOROPHENOL
400U	UG/KG	2-METHYLPHENOL
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
400U	UG/KG	ACETOPHENONE
400U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
400U	UG/KG	HEXACHLOROETHANE
400U	UG/KG	NITROBENZENE
400U	UG/KG	ISOPHORONE
400U	UG/KG	2-NITROPHENOL
400U	UG/KG	2,4-DIMETHYLPHENOL
400U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
400U	UG/KG	2,4-DICHLOROPHENOL
400U	UG/KG	NAPHTHALENE
400U	UG/KG	4-CHLOROANILINE
400U	UG/KG	HEXACHLOROBUTADIENE
400U	UG/KG	CAPROLACTAM
400U	UG/KG	4-CHLORO-3-METHYLPHENOL
400U	UG/KG	2-METHYLNAPHTHALENE
400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
400U	UG/KG	1,1-BIPHENYL
400U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
400U	UG/KG	DIMETHYL PHTHALATE
400U	UG/KG	2,6-DINITROTOLUENE
400U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
400U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
400U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
400U	UG/KG	2,4-DINITROTOLUENE
400U	UG/KG	DIETHYL PHTHALATE
400U	UG/KG	FLUORENE
400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
400U	UG/KG	HEXACHLOROBENZENE (HCB)
400U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
400U	UG/KG	PHENANTHRENE
400U	UG/KG	ANTHRACENE
400U	UG/KG	CARBAZOLE
400U	UG/KG	DI-N-BUTYLPHTHALATE
400U	UG/KG	FLUORANTHENE
400U	UG/KG	PYRENE
400U	UG/KG	BENZYL BUTYL PHTHALATE
400U	UG/KG	3,3'-DICHLOROBENZIDINE
400U	UG/KG	BENZO(A)ANTHRACENE
400U	UG/KG	CHRYSENE
400U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
400U	UG/KG	DI-N-OCTYLPHTHALATE
400U	UG/KG	BENZO(B)FLUORANTHENE
400U	UG/KG	BENZO(K)FLUORANTHENE
400U	UG/KG	BENZO-A-PYRENE
400U	UG/KG	INDENO (1,2,3-CD) PYRENE
400U	UG/KG	DIBENZO(A,H)ANTHRACENE
400U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
18	%	% MOISTURE

A-average value. NA-not analyzed [illegible] 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 [illegible] and may or may not be present. resampling and reanalysis is necessary for verification.

C-confirmed by gcms [illegible] when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:00
Ending:

RESULTS	UNITS	ANALYTE
1100NJ	UG/KG	OLEIC ACID
49000J	UG/KG	25 UNKNOWN COMPOUNDS
580NJ	UG/KG	HEPTADECANOIC ACID
5400NJ	UG/KG	1-PHENANTHRENECARBOXYLIC ACI
2000JN	UG/KG	UNKNOWN CARBOXYLIC ACID
2100NJ	UG/KG	1-IODOUNDECANE
4400NJ	UG/KG	STIGMAST-4-EN-3-ONE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see [illegible] constituents 2.constituents or metabolites of technical chlordane

Sample 1[illegible] FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 16:20

Ending:

RESULTS	UNITS	ANALYTE
110J	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380UJ	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960U	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
390J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

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.
C-confirmed by gc/ms. 1 when [illegible] is reported. see chlordane constituents 2.constituents of [illegible] of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 16:20

Ending:

RESULTS	UNITS	ANALYTE
580JN	UG/KG	2 UNKNOWN CARBOXYLIC ACIDS
11000J	UG/KG	28 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. P-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see [illegible] constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG09SBA / MD No: RS86 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:15

Ending:

RESULTS	UNITS	ANALYTE
420U	UG/KG	BENZALDEHYDE
420U	UG/KG	PHENOL
420U	UG/KG	BIS(2-CHLOROETHYL) ETHER
420U	UG/KG	2-CHLOROPHENOL
420U	UG/KG	2-METHYLPHENOL
420U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
420U	UG/KG	ACETOPHENONE
420U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
420UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
420U	UG/KG	HEXACHLOROETHANE
420UJ	UG/KG	NITROBENZENE
420U	UG/KG	ISOPHORONE
420U	UG/KG	2-NITROPHENOL
420U	UG/KG	2,4-DIMETHYLPHENOL
420U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
420U	UG/KG	2,4-DICHLOROPHENOL
420U	UG/KG	NAPHTHALENE
420U	UG/KG	4-CHLOROANILINE
420U	UG/KG	HEXACHLOROBUTADIENE
420U	UG/KG	CAPROLACTAM
420U	UG/KG	4-CHLORO-3-METHYLPHENOL
420U	UG/KG	2-METHYLNAPHTHALENE
420U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
420U	UG/KG	2,4,6-TRICHLOROPHENOL
1100U	UG/KG	2,4,5-TRICHLOROPHENOL
420U	UG/KG	1,1-BIPHENYL
420U	UG/KG	2-CHLORONAPHTHALENE
1100U	UG/KG	2-NITROANILINE
420U	UG/KG	DIMETHYL PHTHALATE
420U	UG/KG	2,6-DINITROTOLUENE
420U	UG/KG	ACENAPHTHYLENE
1100U	UG/KG	3-NITROANILINE
420U	UG/KG	ACENAPHTHENE
1100U	UG/KG	2,4-DINITROPHENOL
1100U	UG/KG	4-NITROPHENOL
420U	UG/KG	DIBENZOFURAN
420U	UG/KG	2,4-DINITROTOLUENE
420U	UG/KG	DIETHYL PHTHALATE
420U	UG/KG	FLUORENE
420U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1100U	UG/KG	4-NITROANILINE
1100U	UG/KG	2-METHYL-4,6-DINITROPHENOL
420U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
420U	UG/KG	4-BROMOPHENYL PHENYL ETHER
420U	UG/KG	HEXACHLOROBENZENE (HCB)
420U	UG/KG	ATRAZINE
1100U	UG/KG	PENTACHLOROPHENOL
420U	UG/KG	PHENANTHRENE
420U	UG/KG	ANTHRACENE
420U	UG/KG	CARBAZOLE
420U	UG/KG	DI-N-BUTYLPHTHALATE
420U	UG/KG	FLUORANTHENE
420U	UG/KG	PYRENE
420UJ	UG/KG	BENZYL BUTYL PHTHALATE
420U	UG/KG	3,3'-DICHLOROBENZIDINE
420U	UG/KG	BENZO(A)ANTHRACENE
420U	UG/KG	CHRYSENE
610J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
420UJ	UG/KG	DI-N-OCTYLPHTHALATE
420U	UG/KG	BENZO(B)FLUORANTHENE
420U	UG/KG	BENZO(K)FLUORANTHENE
420U	UG/KG	BENZO-A-PYRENE
420U	UG/KG	INDENO (1,2,3-CD) PYRENE
420U	UG/KG	DIBENZO(A,H)ANTHRACENE
420U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
22	%	% MOISTURE

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

C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites 3.technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG09SBA / MD No: RS86 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:15
Ending:

RESULTS	UNITS	ANALYTE
770J	UG/KG	2 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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 [illegible] 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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2. constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380UJ	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
940U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
940U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
940U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
940U	UG/KG	2,4-DINITROPHENOL
940U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
940U	UG/KG	4-NITROANILINE
940U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
940U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
570J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
12	%	% MOISTURE

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 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.
C-confirmed by gcms 1.when [illegible] is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 08:45

Ending:

RESULTS	UNITS	ANALYTE
1600J	UG/KG	11 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. P-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
Confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 10:15
Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380UJ	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
940U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
940U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
940U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
940U	UG/KG	2,4-DINITROPHENOL
940U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
940U	UG/KG	4-NITROANILINE
940U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
940U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
2700	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
12	%	% MOISTURE

A-average value. NA-not analyzed. [illegible]-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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 10:15
Ending:

RESULTS	UNITS	ANALYTE
24000J	UG/KG	29 UNKNOWN COMPOUNDS
310JN	UG/KG	UNKNOWN CARBOXYLIC ACID

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see [illegible] compounds 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 14:00

Ending:

RESULTS	UNITS	ANALYTE
360U	UG/KG	BENZALDEHYDE
360U	UG/KG	PHENOL
360U	UG/KG	BIS(2-CHLOROETHYL) ETHER
360U	UG/KG	2-CHLOROPHENOL
360U	UG/KG	2-METHYLPHENOL
360U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
360U	UG/KG	ACETOPHENONE
360U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
360UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
360U	UG/KG	HEXACHLOROETHANE
360UJ	UG/KG	NITROBENZENE
360U	UG/KG	ISOPHORONE
360U	UG/KG	2-NITROPHENOL
360U	UG/KG	2,4-DIMETHYLPHENOL
360U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
360U	UG/KG	2,4-DICHLOROPHENOL
360U	UG/KG	NAPHTHALENE
360U	UG/KG	4-CHLOROANILINE
360U	UG/KG	HEXACHLOROBUTADIENE
360U	UG/KG	CAPROLACTAM
360U	UG/KG	4-CHLORO-3-METHYLPHENOL
360U	UG/KG	2-METHYLNAPHTHALENE
360U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
360U	UG/KG	2,4,6-TRICHLOROPHENOL
910U	UG/KG	2,4,5-TRICHLOROPHENOL
360U	UG/KG	1,1-BIPHENYL
360U	UG/KG	2-CHLORONAPHTHALENE
910U	UG/KG	2-NITROANILINE
360U	UG/KG	DIMETHYL PHTHALATE
360U	UG/KG	2,6-DINITROTOLUENE
360U	UG/KG	ACENAPHTHYLENE
910U	UG/KG	3-NITROANILINE
360U	UG/KG	ACENAPHTHENE
910U	UG/KG	2,4-DINITROPHENOL
910U	UG/KG	4-NITROPHENOL
360U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
360U	UG/KG	2,4-DINITROTOLUENE
360U	UG/KG	DIETHYL PHTHALATE
360U	UG/KG	FLUORENE
360U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
910U	UG/KG	4-NITROANILINE
910U	UG/KG	2-METHYL-4,6-DINITROPHENOL
360U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
360U	UG/KG	4-BROMOPHENYL PHENYL ETHER
360U	UG/KG	HEXACHLOROBENZENE (HCB)
360U	UG/KG	ATRAZINE
910U	UG/KG	PENTACHLOROPHENOL
360U	UG/KG	PHENANTHRENE
360U	UG/KG	ANTHRACENE
360U	UG/KG	CARBAZOLE
360U	UG/KG	DI-N-BUTYLPHTHALATE
360U	UG/KG	FLUORANTHENE
360U	UG/KG	PYRENE
360UJ	UG/KG	BENZYL BUTYL PHTHALATE
360U	UG/KG	3,3'-DICHLOROBENZIDINE
360U	UG/KG	BENZO(A)ANTHRACENE
360U	UG/KG	CHRYSENE
360UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
360UJ	UG/KG	DI-N-OCTYLPHTHALATE
360U	UG/KG	BENZO(B)FLUORANTHENE
360U	UG/KG	BENZO(K)FLUORANTHENE
360U	UG/KG	BENZO-A-PYRENE
360U	UG/KG	INDENO (1,2,3-CD) PYRENE
360U	UG/KG	DIBENZO(A,H)ANTHRACENE
360U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
9	%	% MOISTURE

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.
C-confirmed by gcms 1.where no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 14:00
Ending:

RESULTS	UNITS	ANALYTE
560J	UG/KG	6 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms 1 when no value is reported, see chlordane constituents .. constituents or metabolites of technical chlordane.

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380UJ	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960U	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value [illegible]-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 [illegible] the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present [illegible] sampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents [illegible] constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

RESULTS	UNITS	ANALYTE
180J	UG/KG	2 UNKNOWN COMPOUNDS
87JN	UG/KG	UNKNOWN ACID ESTER

DATA REPORTED AS IDENTIFIED BY CLP LAB - DOES NOT VERIFIED

A-average value. NA-not analyzed. NAI interference[illegible] estimated value. N-presumptive evidence of presence of material
K-actual value is known to be less than value given [illegible] 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. con[illegible] may [illegible] be present. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.when no value is reported [illegible] constituents 2.constituents or metabolites of technical [illegible]

Sample 1f FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 16:15

Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410U	UG/KG	PHENOL
410U	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410UJ	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
410U	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
410U	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN
410U	UG/KG	2,4-DINITROTOLUENE
410U	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410U	UG/KG	PHENANTHRENE
410U	UG/KG	ANTHRACENE
410U	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
410U	UG/KG	PYRENE
410UJ	UG/KG	BENZYL BUTYL PHTHALATE
410U	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
3100J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410UJ	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410U	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

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 or analyte may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when [illegible] reported, are chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 16:15
Ending:

RESULTS	UNITS	ANALYTE
320J	UG/KG	3 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. G 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-gc indicates that data unusable. compound may or may not be present resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents. 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
400U	UG/KG	BENZALDEHYDE
400U	UG/KG	PHENOL
400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
400U	UG/KG	2-CHLOROPHENOL
400U	UG/KG	2-METHYLPHENOL
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
400U	UG/KG	ACETOPHENONE
400U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
400UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
400U	UG/KG	HEXACHLOROETHANE
400UJ	UG/KG	NITROBENZENE
400U	UG/KG	ISOPHORONE
400U	UG/KG	2-NITROPHENOL
400U	UG/KG	2,4-DIMETHYLPHENOL
400U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
400U	UG/KG	2,4-DICHLOROPHENOL
400U	UG/KG	NAPHTHALENE
400U	UG/KG	4-CHLOROANILINE
400U	UG/KG	HEXACHLOROBUTADIENE
400U	UG/KG	CAPROLACTAM
400U	UG/KG	4-CHLORO-3-METHYLPHENOL
400U	UG/KG	2-METHYLNAPHTHALENE
400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
400U	UG/KG	1,1-BIPHENYL
400U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
400U	UG/KG	DIMETHYL PHTHALATE
400U	UG/KG	2,6-DINITROTOLUENE
400U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
400U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
400U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
400U	UG/KG	2,4-DINITROTOLUENE
400U	UG/KG	DIETHYL PHTHALATE
400U	UG/KG	FLUORENE
400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
400U	UG/KG	HEXACHLOROBENZENE (HCB)
400U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
400U	UG/KG	PHENANTHRENE
400U	UG/KG	ANTHRACENE
400U	UG/KG	CARBAZOLE
400U	UG/KG	DI-N-BUTYLPHTHALATE
52J	UG/KG	FLUORANTHENE
400U	UG/KG	PYRENE
400UJ	UG/KG	BENZYL BUTYL PHTHALATE
400U	UG/KG	3,3'-DICHLOROBENZIDINE
400U	UG/KG	BENZO(A)ANTHRACENE
400U	UG/KG	CHRYSENE
760J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
400UJ	UG/KG	DI-N-OCTYLPHTHALATE
400U	UG/KG	BENZO(B)FLUORANTHENE
400U	UG/KG	BENZO(K)FLUORANTHENE
400U	UG/KG	BENZO-A-PYRENE
400U	UG/KG	INDENO (1,2,3-CD) PYRENE
400U	UG/KG	DIBENZO(A,H)ANTHRACENE
400U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
18	%	% MOISTURE

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 unacceptable. compounds may or may not be present. resampling and reanalysis necessary for verification.
C-confirmed by gcms 1.value reported, see chlordane constituents 2.constituents of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:00
Ending:

RESULTS	UNITS	ANALYTE
21000J	UG/KG	29 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

[illegible]verage value. NA-not analyzed. NAI-interferences J-estimated value N-presumptive evidence of presence of material.
[illegible]ctual 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.
[illegible] indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
[illegible]firmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:30

Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410U	UG/KG	PHENOL
410U	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410U	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410U	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
410U	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
410U	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
410U	UG/KG	2,4-DINITROTOLUENE
410U	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410U	UG/KG	PHENANTHRENE
410U	UG/KG	ANTHRACENE
410U	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
410U	UG/KG	PYRENE
410U	UG/KG	BENZYL BUTYL PHTHALATE
410U	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
410U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410U	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410U	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

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 concentration limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.where no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:30

Ending:

RESULTS	UNITS	ANALYTE
3400J	UG/KG	20 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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 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.
C-confirmed by gcms: 1.when no value is reported see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:30
Ending:

RESULTS	UNITS	ANALYTE
440U	UG/KG	BENZALDEHYDE
440U	UG/KG	PHENOL
440U	UG/KG	BIS(2-CHLOROETHYL) ETHER
440U	UG/KG	2-CHLOROPHENOL
440U	UG/KG	2-METHYLPHENOL
440U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
440U	UG/KG	ACETOPHENONE
440U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
440UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
440U	UG/KG	HEXACHLOROETHANE
440UJ	UG/KG	NITROBENZENE
440U	UG/KG	ISOPHORONE
440U	UG/KG	2-NITROPHENOL
440U	UG/KG	2,4-DIMETHYLPHENOL
440U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
440U	UG/KG	2,4-DICHLOROPHENOL
440U	UG/KG	NAPHTHALENE
440U	UG/KG	4-CHLOROANILINE
440U	UG/KG	HEXACHLOROBUTADIENE
440U	UG/KG	CAPROLACTAM
440U	UG/KG	4-CHLORO-3-METHYLPHENOL
440U	UG/KG	2-METHYLNAPHTHALENE
440U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
440U	UG/KG	2,4,6-TRICHLOROPHENOL
1100U	UG/KG	2,4,5-TRICHLOROPHENOL
440U	UG/KG	1,1-BIPHENYL
440U	UG/KG	2-CHLORONAPHTHALENE
1100U	UG/KG	2-NITROANILINE
440U	UG/KG	DIMETHYL PHTHALATE
440U	UG/KG	2,6-DINITROTOLUENE
440U	UG/KG	ACENAPHTHYLENE
1100U	UG/KG	3-NITROANILINE
440U	UG/KG	ACENAPHTHENE
1100U	UG/KG	2,4-DINITROPHENOL
1100U	UG/KG	4-NITROPHENOL
440U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
440U	UG/KG	2,4-DINITROTOLUENE
440U	UG/KG	DIETHYL PHTHALATE
440U	UG/KG	FLUORENE
440U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1100U	UG/KG	4-NITROANILINE
1100U	UG/KG	2-METHYL-4,6-DINITROPHENOL
440U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
440U	UG/KG	4-BROMOPHENYL PHENYL ETHER
440U	UG/KG	HEXACHLOROBENZENE (HCB)
440U	UG/KG	ATRAZINE
1100U	UG/KG	PENTACHLOROPHENOL
72J	UG/KG	PHENANTHRENE
440U	UG/KG	ANTHRACENE
440U	UG/KG	CARBAZOLE
440U	UG/KG	DI-N-BUTYLPHTHALATE
210J	UG/KG	FLUORANTHENE
120J	UG/KG	PYRENE
440UJ	UG/KG	BENZYL BUTYL PHTHALATE
440U	UG/KG	3,3'-DICHLOROBENZIDINE
440U	UG/KG	BENZO(A)ANTHRACENE
47J	UG/KG	CHRYSENE
500J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
440UJ	UG/KG	DI-N-OCTYLPHTHALATE
59J	UG/KG	BENZO(B)FLUORANTHENE
440U	UG/KG	BENZO(K)FLUORANTHENE
440U	UG/KG	BENZO-A-PYRENE
440U	UG/KG	INDENO (1,2,3-CD) PYRENE
440U	UG/KG	DIBENZO(A,H)ANTHRACENE
440U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
25	%	% MOISTURE

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.
C-confirmed by GC/MS. 1.where no value is reported, see chlordane constituents 2.constituent or metabolites of technical chlordane

Sample 1f FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:30
Ending:

RESULTS	UNITS	ANALYTE
76000J	UG/KG	29 COMPOUNDS
860JN	UG/KG	UNKNOWN CARBOXYLIC ACID

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported: see chlorinated constituents 2.constituents or metabolites of technical chlordane

Sample 109 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:10

Ending:

RESULTS	UNITS	ANALYTE
350UJ	UG/KG	BENZALDEHYDE
350UJ	UG/KG	PHENOL
350UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
350UJ	UG/KG	2-CHLOROPHENOL
350UJ	UG/KG	2-METHYLPHENOL
350UJ	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
41J	UG/KG	ACETOPHENONE
350UJ	UG/KG	(3-AND/OR 4-)METHYLPHENOL
350UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
350UJ	UG/KG	HEXACHLOROETHANE
350UJ	UG/KG	NITROBENZENE
350UJ	UG/KG	ISOPHORONE
350UJ	UG/KG	2-NITROPHENOL
350UJ	UG/KG	2,4-DIMETHYLPHENOL
350UJ	UG/KG	BIS(2-CHLOROETHOXY)METHANE
350UJ	UG/KG	2,4-DICHLOROPHENOL
350UJ	UG/KG	NAPHTHALENE
350UJ	UG/KG	4-CHLOROANILINE
350UJ	UG/KG	HEXACHLOROBUTADIENE
350UJ	UG/KG	CAPROLACTAM
350UJ	UG/KG	4-CHLORO-3-METHYLPHENOL
350UJ	UG/KG	2-METHYLNAPHTHALENE
350UJ	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
350UJ	UG/KG	2,4,6-TRICHLOROPHENOL
890UJ	UG/KG	2,4,5-TRICHLOROPHENOL
350UJ	UG/KG	1,1-BIPHENYL
350UJ	UG/KG	2-CHLORONAPHTHALENE
890UJ	UG/KG	2-NITROANILINE
350UJ	UG/KG	DIMETHYL PHTHALATE
350UJ	UG/KG	2,6-DINITROTOLUENE
350UJ	UG/KG	ACENAPHTHYLENE
890UJ	UG/KG	3-NITROANILINE
350UJ	UG/KG	ACENAPHTHENE
890UJ	UG/KG	2,4-DINITROPHENOL
890UJ	UG/KG	4-NITROPHENOL
350UJ	UG/KG	DIBENZOFURAN
350UJ	UG/KG	2,4-DINITROTOLUENE
350UJ	UG/KG	DIETHYL PHTHALATE
350UJ	UG/KG	FLUORENE
350UJ	UG/KG	4-CHLOROPHENYL PHENYL ETHER
890UJ	UG/KG	4-NITROANILINE
890UJ	UG/KG	2-METHYL-4,6-DINITROPHENOL
350UJ	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
350UJ	UG/KG	4-BROMOPHENYL PHENYL ETHER
350UJ	UG/KG	HEXACHLOROBENZENE (HCB)
350UJ	UG/KG	ATRAZINE
890UJ	UG/KG	PENTACHLOROPHENOL
350UJ	UG/KG	PHENANTHRENE
350UJ	UG/KG	ANTHRACENE
350UJ	UG/KG	CARBAZOLE
350UJ	UG/KG	DI-N-BUTYLPHTHALATE
350UJ	UG/KG	FLUORANTHENE
350UJ	UG/KG	PYRENE
350UJ	UG/KG	BENZYL BUTYL PHTHALATE
350UJ	UG/KG	3,3'-DICHLOROBENZIDINE
350UJ	UG/KG	BENZO(A)ANTHRACENE
350UJ	UG/KG	CHRYSENE
350UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
350UJ	UG/KG	DI-N-OCTYLPHTHALATE
350UJ	UG/KG	BENZO(B)FLUORANTHENE
350UJ	UG/KG	BENZO(K)FLUORANTHENE
350UJ	UG/KG	BENZO-A-PYRENE
350UJ	UG/KG	INDENO (1,2,3-CD) PYRENE
350UJ	UG/KG	DIBENZO(A,H)ANTHRACENE
350UJ	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
7	%	% MOISTURE

EXCESSIVE HOLDING TIME

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.
C-confirmed by gcms. [illegible] no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

Sample 10' FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:10
Ending:

RESULTS	UNITS	ANALYTE
7600J	UG/KG	22 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interference. 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.
C-confirmed by gcms: 1.when no value is reported, no calibration constituents 2.constituents or metabolites of technical chlordane

Sample 10' FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:45

Ending:

RESULTS	UNITS	ANALYTE
3900U	UG/KG	BENZALDEHYDE
3900U	UG/KG	PHENOL
3900U	UG/KG	BIS(2-CHLOROETHYL) ETHER
3900U	UG/KG	2-CHLOROPHENOL
3900U	UG/KG	2-METHYLPHENOL
3900U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3900U	UG/KG	ACETOPHENONE
3900U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
3900U	UG/KG	N-NITROSODI-N-PROPYLAMINE
3900U	UG/KG	HEXACHLOROETHANE
3900U	UG/KG	NITROBENZENE
3900U	UG/KG	ISOPHORONE
3900U	UG/KG	2-NITROPHENOL
3900U	UG/KG	2,4-DIMETHYLPHENOL
3900U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
3900U	UG/KG	2,4-DICHLOROPHENOL
2100J	UG/KG	NAPHTHALENE
3900U	UG/KG	4-CHLOROANILINE
3900U	UG/KG	HEXACHLOROBUTADIENE
3900U	UG/KG	CAPROLACTAM
3900U	UG/KG	4-CHLORO-3-METHYLPHENOL
14000	UG/KG	2-METHYLNAPHTHALENE
3900U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3900U	UG/KG	2,4,6-TRICHLOROPHENOL
9900U	UG/KG	2,4,5-TRICHLOROPHENOL
1100J	UG/KG	1,1-BIPHENYL
3900U	UG/KG	2-CHLORONAPHTHALENE
9900U	UG/KG	2-NITROANILINE
3900U	UG/KG	DIMETHYL PHTHALATE
3900U	UG/KG	2,6-DINITROTOLUENE
3900U	UG/KG	ACENAPHTHYLENE
9900U	UG/KG	3-NITROANILINE
3900U	UG/KG	ACENAPHTHENE
9900U	UG/KG	2,4-DINITROPHENOL
9900U	UG/KG	4-NITROPHENOL
3900U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
3900U	UG/KG	2,4-DINITROTOLUENE
3900U	UG/KG	DIETHYL PHTHALATE
990J	UG/KG	FLUORENE
3900U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
9900U	UG/KG	4-NITROANILINE
9900U	UG/KG	2-METHYL-4,6-DINITROPHENOL
3900U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3900U	UG/KG	4-BROMOPHENYL PHENYL ETHER
3900U	UG/KG	HEXACHLOROBENZENE (HCB)
3900U	UG/KG	ATRAZINE
9900U	UG/KG	PENTACHLOROPHENOL
2200J	UG/KG	PHENANTHRENE
3900U	UG/KG	ANTHRACENE
3900U	UG/KG	CARBAZOLE
3900U	UG/KG	DI-N-BUTYLPHTHALATE
3900U	UG/KG	FLUORANTHENE
3900U	UG/KG	PYRENE
3900U	UG/KG	BENZYL BUTYL PHTHALATE
3900U	UG/KG	3,3'-DICHLOROBENZIDINE
3900U	UG/KG	BENZO(A)ANTHRACENE
3900U	UG/KG	CHRYSENE
3900U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3900U	UG/KG	DI-N-OCTYLPHTHALATE
3900U	UG/KG	BENZO(B)FLUORANTHENE
3900U	UG/KG	BENZO(K)FLUORANTHENE
3900U	UG/KG	BENZO-A-PYRENE
3900U	UG/KG	INDENO (1,2,3-CD) PYRENE
3900U	UG/KG	DIBENZO(A,H)ANTHRACENE
3900U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
16	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
B-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-indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
Confirmed by GC/MS when no value is reported, see chlordane constituents. 2,constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 14:00
Ending:

RESULTS	UNITS	ANALYTE
360U	UG/KG	BENZALDEHYDE
360U	UG/KG	PHENOL
360U	UG/KG	BIS(2-CHLOROETHYL) ETHER
360U	UG/KG	2-CHLOROPHENOL
360U	UG/KG	2-METHYLPHENOL
360U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
360U	UG/KG	ACETOPHENONE
360U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
360UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
360U	UG/KG	HEXACHLOROETHANE
360UJ	UG/KG	NITROBENZENE
360U	UG/KG	ISOPHORONE
360U	UG/KG	2-NITROPHENOL
360U	UG/KG	2,4-DIMETHYLPHENOL
360U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
360U	UG/KG	2,4-DICHLOROPHENOL
360U	UG/KG	NAPHTHALENE
360U	UG/KG	4-CHLOROANILINE
360U	UG/KG	HEXACHLOROBUTADIENE
360U	UG/KG	CAPROLACTAM
360U	UG/KG	4-CHLORO-3-METHYLPHENOL
360U	UG/KG	2-METHYLNAPHTHALENE
360U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
360U	UG/KG	2,4,6-TRICHLOROPHENOL
910U	UG/KG	2,4,5-TRICHLOROPHENOL
360U	UG/KG	1,1-BIPHENYL
360U	UG/KG	2-CHLORONAPHTHALENE
910U	UG/KG	2-NITROANILINE
360U	UG/KG	DIMETHYL PHTHALATE
360U	UG/KG	2,6-DINITROTOLUENE
360U	UG/KG	ACENAPHTHYLENE
910U	UG/KG	3-NITROANILINE
360U	UG/KG	ACENAPHTHENE
910U	UG/KG	2,4-DINITROPHENOL
910U	UG/KG	4-NITROPHENOL
360U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
360U	UG/KG	2,4-DINITROTOLUENE
360U	UG/KG	DIETHYL PHTHALATE
360U	UG/KG	FLUORENE
360U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
910U	UG/KG	4-NITROANILINE
910U	UG/KG	2-METHYL-4,6-DINITROPHENOL
360U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
360U	UG/KG	4-BROMOPHENYL PHENYL ETHER
360U	UG/KG	HEXACHLOROBENZENE (HCB)
360U	UG/KG	ATRAZINE
910U	UG/KG	PENTACHLOROPHENOL
360U	UG/KG	PHENANTHRENE
360U	UG/KG	ANTHRACENE
360U	UG/KG	CARBAZOLE
360U	UG/KG	DI-N-BUTYLPHTHALATE
360U	UG/KG	FLUORANTHENE
360U	UG/KG	PYRENE
360UJ	UG/KG	BENZYL BUTYL PHTHALATE
360U	UG/KG	3,3'-DICHLOROBENZIDINE
360U	UG/KG	BENZO(A)ANTHRACENE
360U	UG/KG	CHRYSENE
360UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
360UJ	UG/KG	DI-N-OCTYLPHTHALATE
360U	UG/KG	BENZO(B)FLUORANTHENE
360U	UG/KG	BENZO(K)FLUORANTHENE
360U	UG/KG	BENZO-A-PYRENE
360U	UG/KG	INDENO (1,2,3-CD) PYRENE
360U	UG/KG	DIBENZO(A,H)ANTHRACENE
360U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
9	%	% MOISTURE

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.
C-confirmed by GC/MS 1 where no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1r FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 14:00
Ending:

RESULTS	UNITS	ANALYTE
560J	UG/KG	6 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms. 1 when no value is reported, see chlordane constituents . constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

RESULTS	UNITS	ANALYTE
380U	UG/KG	BENZALDEHYDE
380U	UG/KG	PHENOL
380U	UG/KG	BIS(2-CHLOROETHYL) ETHER
380U	UG/KG	2-CHLOROPHENOL
380U	UG/KG	2-METHYLPHENOL
380U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
380U	UG/KG	ACETOPHENONE
380U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
380UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
380U	UG/KG	HEXACHLOROETHANE
380UJ	UG/KG	NITROBENZENE
380U	UG/KG	ISOPHORONE
380U	UG/KG	2-NITROPHENOL
380U	UG/KG	2,4-DIMETHYLPHENOL
380U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
380U	UG/KG	2,4-DICHLOROPHENOL
380U	UG/KG	NAPHTHALENE
380U	UG/KG	4-CHLOROANILINE
380U	UG/KG	HEXACHLOROBUTADIENE
380U	UG/KG	CAPROLACTAM
380U	UG/KG	4-CHLORO-3-METHYLPHENOL
380U	UG/KG	2-METHYLNAPHTHALENE
380U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
380U	UG/KG	2,4,6-TRICHLOROPHENOL
960U	UG/KG	2,4,5-TRICHLOROPHENOL
380U	UG/KG	1,1-BIPHENYL
380U	UG/KG	2-CHLORONAPHTHALENE
960U	UG/KG	2-NITROANILINE
380U	UG/KG	DIMETHYL PHTHALATE
380U	UG/KG	2,6-DINITROTOLUENE
380U	UG/KG	ACENAPHTHYLENE
960U	UG/KG	3-NITROANILINE
380U	UG/KG	ACENAPHTHENE
960U	UG/KG	2,4-DINITROPHENOL
960U	UG/KG	4-NITROPHENOL
380U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
380U	UG/KG	2,4-DINITROTOLUENE
380U	UG/KG	DIETHYL PHTHALATE
380U	UG/KG	FLUORENE
380U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
960U	UG/KG	4-NITROANILINE
960U	UG/KG	2-METHYL-4,6-DINITROPHENOL
380U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
380U	UG/KG	4-BROMOPHENYL PHENYL ETHER
380U	UG/KG	HEXACHLOROBENZENE (HCB)
380U	UG/KG	ATRAZINE
960U	UG/KG	PENTACHLOROPHENOL
380U	UG/KG	PHENANTHRENE
380U	UG/KG	ANTHRACENE
380U	UG/KG	CARBAZOLE
380U	UG/KG	DI-N-BUTYLPHTHALATE
380U	UG/KG	FLUORANTHENE
380U	UG/KG	PYRENE
380UJ	UG/KG	BENZYL BUTYL PHTHALATE
380U	UG/KG	3,3'-DICHLOROBENZIDINE
380U	UG/KG	BENZO(A)ANTHRACENE
380U	UG/KG	CHRYSENE
380UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
380UJ	UG/KG	DI-N-OCTYLPHTHALATE
380U	UG/KG	BENZO(B)FLUORANTHENE
380U	UG/KG	BENZO(K)FLUORANTHENE
380U	UG/KG	BENZO-A-PYRENE
380U	UG/KG	INDENO (1,2,3-CD) PYRENE
380U	UG/KG	DIBENZO(A,H)ANTHRACENE
380U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
14	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value [illegible] 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-quality indicates that data unusable. compound may or may not be present [illegible] sampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2. constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

RESULTS	UNITS	ANALYTE
180J	UG/KG	2 UNKNOWN COMPOUNDS
87JN	UG/KG	UNKNOWN ACID ESTER

DATA REPORTED AS IDENTIFIED BY CLP LAB [illegible] NOT VERIFIED

A-average value. NA-not analyzed. NAI-interference [illegible] indicated value. N-presumptive evidence of presence of material
K-actual value is known to be less than value given [illegible] 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 [illegible] be present. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.when no value is reported [illegible] constituents 2.constituents or metabolites of technical [illegible]

Sample 1f FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 16:15
Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410U	UG/KG	PHENOL
410U	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410UJ	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
410U	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
410U	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
410U	UG/KG	2,4-DINITROTOLUENE
410U	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410U	UG/KG	PHENANTHRENE
410U	UG/KG	ANTHRACENE
410U	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
410U	UG/KG	PYRENE
410UJ	UG/KG	BENZYL BUTYL PHTHALATE
410U	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
3100J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410UJ	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410U	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

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
C-confirmed by gcms: 1.when [illegible] is reported, are chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1C FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 16:15
Ending:

RESULTS	UNITS	ANALYTE
320J	UG/KG	3 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. P-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10[illegible] FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
400U	UG/KG	BENZALDEHYDE
400U	UG/KG	PHENOL
400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
400U	UG/KG	2-CHLOROPHENOL
400U	UG/KG	2-METHYLPHENOL
400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
400U	UG/KG	ACETOPHENONE
400U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
400UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
400U	UG/KG	HEXACHLOROETHANE
400UJ	UG/KG	NITROBENZENE
400U	UG/KG	ISOPHORONE
400U	UG/KG	2-NITROPHENOL
400U	UG/KG	2,4-DIMETHYLPHENOL
400U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
400U	UG/KG	2,4-DICHLOROPHENOL
400U	UG/KG	NAPHTHALENE
400U	UG/KG	4-CHLOROANILINE
400U	UG/KG	HEXACHLOROBUTADIENE
400U	UG/KG	CAPROLACTAM
400U	UG/KG	4-CHLORO-3-METHYLPHENOL
400U	UG/KG	2-METHYLNAPHTHALENE
400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
400U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
400U	UG/KG	1,1-BIPHENYL
400U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
400U	UG/KG	DIMETHYL PHTHALATE
400U	UG/KG	2,6-DINITROTOLUENE
400U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
400U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
400U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
400U	UG/KG	2,4-DINITROTOLUENE
400U	UG/KG	DIETHYL PHTHALATE
400U	UG/KG	FLUORENE
400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
400U	UG/KG	HEXACHLOROBENZENE (HCB)
400U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
400U	UG/KG	PHENANTHRENE
400U	UG/KG	ANTHRACENE
400U	UG/KG	CARBAZOLE
400U	UG/KG	DI-N-BUTYLPHTHALATE
52J	UG/KG	FLUORANTHENE
400U	UG/KG	PYRENE
400UJ	UG/KG	BENZYL BUTYL PHTHALATE
400U	UG/KG	3,3'-DICHLOROBENZIDINE
400U	UG/KG	BENZO(A)ANTHRACENE
400U	UG/KG	CHRYSENE
760J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
400UJ	UG/KG	DI-N-OCTYLPHTHALATE
400U	UG/KG	BENZO(B)FLUORANTHENE
400U	UG/KG	BENZO(K)FLUORANTHENE
400U	UG/KG	BENZO-A-PYRENE
400U	UG/KG	INDENO (1,2,3-CD) PYRENE
400U	UG/KG	DIBENZO(A,H)ANTHRACENE
400U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
18	%	% MOISTURE

A-average value. NA-not [illegible] NAI-interferences. J-estimated value. N-presumptive evide[illegible] material.

K-actual value is known to [illegible] than value given. L-actual value is known to be greater than [illegible] given. [illegible] was analyzed for but not detected. the number is the [illegible] quantitation limit.

R-qc indicates that data [illegible] compound may or may not be present. resampling and [illegible] verification.

C-confirmed by [illegible]. [illegible] value is reported, see chlordane constituents 2.constituents [illegible] chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:00
Ending:

RESULTS	UNITS	ANALYTE
21000J	UG/KG	29 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

Average value. NA-not analyzed. NAI-interferences J-estimated value N-presumptive evidence of presence of material.
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.
indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:30
Ending:

RESULTS	UNITS	ANALYTE
410U	UG/KG	BENZALDEHYDE
410U	UG/KG	PHENOL
410U	UG/KG	BIS(2-CHLOROETHYL) ETHER
410U	UG/KG	2-CHLOROPHENOL
410U	UG/KG	2-METHYLPHENOL
410U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
410U	UG/KG	ACETOPHENONE
410U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
410U	UG/KG	N-NITROSODI-N-PROPYLAMINE
410U	UG/KG	HEXACHLOROETHANE
410U	UG/KG	NITROBENZENE
410U	UG/KG	ISOPHORONE
410U	UG/KG	2-NITROPHENOL
410U	UG/KG	2,4-DIMETHYLPHENOL
410U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
410U	UG/KG	2,4-DICHLOROPHENOL
410U	UG/KG	NAPHTHALENE
410U	UG/KG	4-CHLOROANILINE
410U	UG/KG	HEXACHLOROBUTADIENE
410U	UG/KG	CAPROLACTAM
410U	UG/KG	4-CHLORO-3-METHYLPHENOL
410U	UG/KG	2-METHYLNAPHTHALENE
410U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
410U	UG/KG	2,4,6-TRICHLOROPHENOL
1000U	UG/KG	2,4,5-TRICHLOROPHENOL
410U	UG/KG	1,1-BIPHENYL
410U	UG/KG	2-CHLORONAPHTHALENE
1000U	UG/KG	2-NITROANILINE
410U	UG/KG	DIMETHYL PHTHALATE
410U	UG/KG	2,6-DINITROTOLUENE
410U	UG/KG	ACENAPHTHYLENE
1000U	UG/KG	3-NITROANILINE
410U	UG/KG	ACENAPHTHENE
1000U	UG/KG	2,4-DINITROPHENOL
1000U	UG/KG	4-NITROPHENOL
410U	UG/KG	DIBENZOFURAN
410U	UG/KG	2,4-DINITROTOLUENE
410U	UG/KG	DIETHYL PHTHALATE
410U	UG/KG	FLUORENE
410U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1000U	UG/KG	4-NITROANILINE
1000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
410U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
410U	UG/KG	4-BROMOPHENYL PHENYL ETHER
410U	UG/KG	HEXACHLOROBENZENE (HCB)
410U	UG/KG	ATRAZINE
1000U	UG/KG	PENTACHLOROPHENOL
410U	UG/KG	PHENANTHRENE
410U	UG/KG	ANTHRACENE
410U	UG/KG	CARBAZOLE
410U	UG/KG	DI-N-BUTYLPHTHALATE
410U	UG/KG	FLUORANTHENE
410U	UG/KG	PYRENE
410U	UG/KG	BENZYL BUTYL PHTHALATE
410U	UG/KG	3,3'-DICHLOROBENZIDINE
410U	UG/KG	BENZO(A)ANTHRACENE
410U	UG/KG	CHRYSENE
410U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
410U	UG/KG	DI-N-OCTYLPHTHALATE
410U	UG/KG	BENZO(B)FLUORANTHENE
410U	UG/KG	BENZO(K)FLUORANTHENE
410U	UG/KG	BENZO-A-PYRENE
410U	UG/KG	INDENO (1,2,3-CD) PYRENE
410U	UG/KG	DIBENZO(A,H)ANTHRACENE
410U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
20	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum detection limit.
R-qc indicates that data unacceptable. compound may or may not be present. resampling and reanalysis necessary for verification.
C-confirmed by GC/MS. 1-when no value is reported, see chlordane constituents 2 constituents of technical chlordane

Sample 10 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:30
Ending:

RESULTS	UNITS	ANALYTE
3400J	UG/KG	20 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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 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
C-confirmed by gcms: 1.when no value is reported see chlordane components 2.constituents or metabolites of technical chlordane

Sample 1(FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:30

Ending:

RESULTS	UNITS	ANALYTE
440U	UG/KG	BENZALDEHYDE
440U	UG/KG	PHENOL
440U	UG/KG	BIS(2-CHLOROETHYL) ETHER
440U	UG/KG	2-CHLOROPHENOL
440U	UG/KG	2-METHYLPHENOL
440U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
440U	UG/KG	ACETOPHENONE
440U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
440UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
440U	UG/KG	HEXACHLOROETHANE
440UJ	UG/KG	NITROBENZENE
440U	UG/KG	ISOPHORONE
440U	UG/KG	2-NITROPHENOL
440U	UG/KG	2,4-DIMETHYLPHENOL
440U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
440U	UG/KG	2,4-DICHLOROPHENOL
440U	UG/KG	NAPHTHALENE
440U	UG/KG	4-CHLOROANILINE
440U	UG/KG	HEXACHLOROBUTADIENE
440U	UG/KG	CAPROLACTAM
440U	UG/KG	4-CHLORO-3-METHYLPHENOL
440U	UG/KG	2-METHYLNAPHTHALENE
440U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
440U	UG/KG	2,4,6-TRICHLOROPHENOL
1100U	UG/KG	2,4,5-TRICHLOROPHENOL
440U	UG/KG	1,1-BIPHENYL
440U	UG/KG	2-CHLORONAPHTHALENE
1100U	UG/KG	2-NITROANILINE
440U	UG/KG	DIMETHYL PHTHALATE
440U	UG/KG	2,6-DINITROTOLUENE
440U	UG/KG	ACENAPHTHYLENE
1100U	UG/KG	3-NITROANILINE
440U	UG/KG	ACENAPHTHENE
1100U	UG/KG	2,4-DINITROPHENOL
1100U	UG/KG	4-NITROPHENOL
440U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
440U	UG/KG	2,4-DINITROTOLUENE
440U	UG/KG	DIETHYL PHTHALATE
440U	UG/KG	FLUORENE
440U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1100U	UG/KG	4-NITROANILINE
1100U	UG/KG	2-METHYL-4,6-DINITROPHENOL
440U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
440U	UG/KG	4-BROMOPHENYL PHENYL ETHER
440U	UG/KG	HEXACHLOROBENZENE (HCB)
440U	UG/KG	ATRAZINE
1100U	UG/KG	PENTACHLOROPHENOL
72J	UG/KG	PHENANTHRENE
440U	UG/KG	ANTHRACENE
440U	UG/KG	CARBAZOLE
440U	UG/KG	DI-N-BUTYLPHTHALATE
210J	UG/KG	FLUORANTHENE
120J	UG/KG	PYRENE
440UJ	UG/KG	BENZYL BUTYL PHTHALATE
440U	UG/KG	3,3'-DICHLOROBENZIDINE
440U	UG/KG	BENZO(A)ANTHRACENE
47J	UG/KG	CHRYSENE
500J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
440UJ	UG/KG	DI-N-OCTYLPHTHALATE
59J	UG/KG	BENZO(B)FLUORANTHENE
440U	UG/KG	BENZO(K)FLUORANTHENE
440U	UG/KG	BENZO-A-PYRENE
440U	UG/KG	INDENO (1,2,3-CD) PYRENE
440U	UG/KG	DIBENZO(A,H)ANTHRACENE
440U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
25	%	% MOISTURE

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 is unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by GC/MS. [illegible] no value is reported, see chlordane constituents 2.constituent or metabolites of technical chlordane

Sample 1' FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:30
Ending:

RESULTS	UNITS	ANALYTE
76000J	UG/KG	29 COMPOUNDS
860JN	UG/KG	UNKNOWN CARBOXYLIC ACID

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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 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.
C-confirmed by gcms: 1.when no value is reported see chlordane constituents 2 constituents or metabolites of technical chlordane.

Sample 1r FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:10

Ending:

RESULTS	UNITS	ANALYTE
350UJ	UG/KG	BENZALDEHYDE
350UJ	UG/KG	PHENOL
350UJ	UG/KG	BIS(2-CHLOROETHYL) ETHER
350UJ	UG/KG	2-CHLOROPHENOL
350UJ	UG/KG	2-METHYLPHENOL
350UJ	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
41J	UG/KG	ACETOPHENONE
350UJ	UG/KG	(3-AND/OR 4-)METHYLPHENOL
350UJ	UG/KG	N-NITROSODI-N-PROPYLAMINE
350UJ	UG/KG	HEXACHLOROETHANE
350UJ	UG/KG	NITROBENZENE
350UJ	UG/KG	ISOPHORONE
350UJ	UG/KG	2-NITROPHENOL
350UJ	UG/KG	2,4-DIMETHYLPHENOL
350UJ	UG/KG	BIS(2-CHLOROETHOXY)METHANE
350UJ	UG/KG	2,4-DICHLOROPHENOL
350UJ	UG/KG	NAPHTHALENE
350UJ	UG/KG	4-CHLOROANILINE
350UJ	UG/KG	HEXACHLOROBUTADIENE
350UJ	UG/KG	CAPROLACTAM
350UJ	UG/KG	4-CHLORO-3-METHYLPHENOL
350UJ	UG/KG	2-METHYLNAPHTHALENE
350UJ	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
350UJ	UG/KG	2,4,6-TRICHLOROPHENOL
890UJ	UG/KG	2,4,5-TRICHLOROPHENOL
350UJ	UG/KG	1,1-BIPHENYL
350UJ	UG/KG	2-CHLORONAPHTHALENE
890UJ	UG/KG	2-NITROANILINE
350UJ	UG/KG	DIMETHYL PHTHALATE
350UJ	UG/KG	2,6-DINITROTOLUENE
350UJ	UG/KG	ACENAPHTHYLENE
890UJ	UG/KG	3-NITROANILINE
350UJ	UG/KG	ACENAPHTHENE
890UJ	UG/KG	2,4-DINITROPHENOL
890UJ	UG/KG	4-NITROPHENOL
350UJ	UG/KG	DIBENZOFURAN
350UJ	UG/KG	2,4-DINITROTOLUENE
350UJ	UG/KG	DIETHYL PHTHALATE
350UJ	UG/KG	FLUORENE
350UJ	UG/KG	4-CHLOROPHENYL PHENYL ETHER
890UJ	UG/KG	4-NITROANILINE
890UJ	UG/KG	2-METHYL-4,6-DINITROPHENOL
350UJ	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
350UJ	UG/KG	4-BROMOPHENYL PHENYL ETHER
350UJ	UG/KG	HEXACHLOROBENZENE (HCB)
350UJ	UG/KG	ATRAZINE
890UJ	UG/KG	PENTACHLOROPHENOL
350UJ	UG/KG	PHENANTHRENE
350UJ	UG/KG	ANTHRACENE
350UJ	UG/KG	CARBAZOLE
350UJ	UG/KG	DI-N-BUTYLPHTHALATE
350UJ	UG/KG	FLUORANTHENE
350UJ	UG/KG	PYRENE
350UJ	UG/KG	BENZYL BUTYL PHTHALATE
350UJ	UG/KG	3,3'-DICHLOROBENZIDINE
350UJ	UG/KG	BENZO(A)ANTHRACENE
350UJ	UG/KG	CHRYSENE
350UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
350UJ	UG/KG	DI-N-OCTYLPHTHALATE
350UJ	UG/KG	BENZO(B)FLUORANTHENE
350UJ	UG/KG	BENZO(K)FLUORANTHENE
350UJ	UG/KG	BENZO-A-PYRENE
350UJ	UG/KG	INDENO (1,2,3-CD) PYRENE
350UJ	UG/KG	DIBENZO(A,H)ANTHRACENE
350UJ	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
7	%	% MOISTURE

EXCESSIVE HOLDING TIME

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 method quantitation limit.
R-qc indicates that data is unusable compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms. [illegible] no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:10
Ending:

RESULTS	UNITS	ANALYTE
7600J	UG/KG	22 UNKNOWN COMPOUNDS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interference. 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 but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound [illegible] resent. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.when no value is [illegible] constituents 2.constituents or metabolites of technical chlordane

Sample 1[illegible] FY 2000 Project: 00-0101

EXTRACTABLES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:45

Ending:

RESULTS	UNITS	ANALYTE
3900U	UG/KG	BENZALDEHYDE
3900U	UG/KG	PHENOL
3900U	UG/KG	BIS(2-CHLOROETHYL) ETHER
3900U	UG/KG	2-CHLOROPHENOL
3900U	UG/KG	2-METHYLPHENOL
3900U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3900U	UG/KG	ACETOPHENONE
3900U	UG/KG	(3-AND/OR 4-)METHYLPHENOL
3900U	UG/KG	N-NITROSODI-N-PROPYLAMINE
3900U	UG/KG	HEXACHLOROETHANE
3900U	UG/KG	NITROBENZENE
3900U	UG/KG	ISOPHORONE
3900U	UG/KG	2-NITROPHENOL
3900U	UG/KG	2,4-DIMETHYLPHENOL
3900U	UG/KG	BIS(2-CHLOROETHOXY)METHANE
3900U	UG/KG	2,4-DICHLOROPHENOL
2100J	UG/KG	NAPHTHALENE
3900U	UG/KG	4-CHLOROANILINE
3900U	UG/KG	HEXACHLOROBUTADIENE
3900U	UG/KG	CAPROLACTAM
3900U	UG/KG	4-CHLORO-3-METHYLPHENOL
14000	UG/KG	2-METHYLNAPHTHALENE
3900U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3900U	UG/KG	2,4,6-TRICHLOROPHENOL
9900U	UG/KG	2,4,5-TRICHLOROPHENOL
1100J	UG/KG	1,1-BIPHENYL
3900U	UG/KG	2-CHLORONAPHTHALENE
9900U	UG/KG	2-NITROANILINE
3900U	UG/KG	DIMETHYL PHTHALATE
3900U	UG/KG	2,6-DINITROTOLUENE
3900U	UG/KG	ACENAPHTHYLENE
9900U	UG/KG	3-NITROANILINE
3900U	UG/KG	ACENAPHTHENE
9900U	UG/KG	2,4-DINITROPHENOL
9900U	UG/KG	4-NITROPHENOL
3900U	UG/KG	DIBENZOFURAN

RESULTS	UNITS	ANALYTE
3900U	UG/KG	2,4-DINITROTOLUENE
3900U	UG/KG	DIETHYL PHTHALATE
990J	UG/KG	FLUORENE
3900U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
9900U	UG/KG	4-NITROANILINE
9900U	UG/KG	2-METHYL-4,6-DINITROPHENOL
3900U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3900U	UG/KG	4-BROMOPHENYL PHENYL ETHER
3900U	UG/KG	HEXACHLOROBENZENE (HCB)
3900U	UG/KG	ATRAZINE
9900U	UG/KG	PENTACHLOROPHENOL
2200J	UG/KG	PHENANTHRENE
3900U	UG/KG	ANTHRACENE
3900U	UG/KG	CARBAZOLE
3900U	UG/KG	DI-N-BUTYLPHTHALATE
3900U	UG/KG	FLUORANTHENE
3900U	UG/KG	PYRENE
3900U	UG/KG	BENZYL BUTYL PHTHALATE
3900U	UG/KG	3,3'-DICHLOROBENZIDINE
3900U	UG/KG	BENZO(A)ANTHRACENE
3900U	UG/KG	CHRYSENE
3900U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3900U	UG/KG	DI-N-OCTYLPHTHALATE
3900U	UG/KG	BENZO(B)FLUORANTHENE
3900U	UG/KG	BENZO(K)FLUORANTHENE
3900U	UG/KG	BENZO-A-PYRENE
3900U	UG/KG	INDENO (1,2,3-CD) PYRENE
3900U	UG/KG	DIBENZO(A,H)ANTHRACENE
3900U	UG/KG	BENZO(GHI)PERYLENE
NA	UG/KG	1,3-DICHLOROBENZENE
NA	UG/KG	1,4-DICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROBENZENE
NA	UG/KG	1,2,4-TRICHLOROBENZENE
16	%	% MOISTURE

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-quality indicates that data is unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
Q-calculated by gc/ms when no value is reported, see chlordane constituents 2 constituents of technical chlordane

EXTRACTABLES SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:08**

Sample **1091** FY **2000** Project: **00-0101**

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
110000J	UG/KG	16 UNKNOWN COMPOUNDS
8200NJ	UG/KG	NAPHTHALENE, 1-METHYL-
24000JN	UG/KG	3 DIMETHYLNAPHTHALENE ISOMERS
25000JN	UG/KG	4 TRIMETHYLNAPHTHALENE ISOMERS
11000JN	UG/KG	3 SUBSTITUTED NAPHTHALENES
4300JN	UG/KG	METHYLANTHRACENE
4500JN	UG/KG	METHYLPHENANTHRENE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average valu NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence sence of material
K-actual value is known to be less than value given L-actual value is known to be greater than value n. U-material was analyzed for but not detected. the number is the minimum q ation limit
R-qc indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification
see chlorinated constituents 2.constituents or metabolites of technical chlordane

Rec'd 1/3/00 HK

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 12/27/1999

Subject: Results of VOLATILES Organic Chemistry Section Sample Analysis
00-0101 CTS of Asheville Inc
Skyland, NC

From: Goddard, Denise

To: Rigger, Don

CC: Heather Kennedy
START

Thru: QA Office

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
VOA			
1060-1093	styrene	R	action low in PE sample
1060-1065,1067, 1068,1070-1081	dichlorodifluoromethane, chloromethane, vinyl chloride, 1,1,2-trichloro-1,2,2-trifluoroethane	J	erratic response factor
1060	trichloroethene	J	< quantitation limit
1065	1,1-dichloroethane, 1,1,1-trichloroethane, benzene, trichloroethene, methylcyclohexane, ethylbenzene, isopropylbenzene	J	< quantitation limit
1066	dichlorodifluoromethane, chloromethane, vinyl chloride, acetone, methyl acetate, 2-butanone, 1,2-dibromo-3-chloropropane	J	erratic response factor
	cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, toluene	J	< quantitation limit
	cis-1,2-dichloroethene, 1,1,1-trichloroethane, trichloroethene, methylcyclohexane, toluene, ethylbenzene, xylene(tptal), isopropylbenzene	J	high surrogate recovery
1067-1069	trichloroethene	J	< quantitation limit
1069	all compounds except styrene	J	exceeded holding times
	1,1,2-trichloro-1,2,2-trifluoroethane, acetone, cyclohexane	J	erratic response factor
1070	1,1,2-trichloro-1,2,,2-trifluoroethane, 1,1,1-trichloroethane, carbon tetrachloride, ethylbenzene	J	< quantitation limit
	1,1,2-trichloro-1,2,,2-trifluoroethane, 1,1,1-trichloroethane, carbon tetrachloride, methylcyclohexane, tetrachloroethene, ethylbenzene, xylene(total), isopropylbenzene	J	high surrogate recovery

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
1079	4-methyl-2-pentanone, toluene, trans-1,3-dichloropropene, 1,1,2-trichloroethane, tetrachloroethene, 2-hexanone, dibromochloromethane, 1,2-dibromoethane, chlorobenzene, ethylbenzene, xylene(total), bromoform, isopropylbenzene, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 1,2-dibromo-3-chloropropane, 1,2,4-trichlorobenzene	J	low internal standard recovery
1082-1090	dichlorodifluoromethane, 1,1,2-trichloro-1,2,2-trifluoroethane	J	erratic response factor
1091	dichlorodifluoromethane, chloromethane, vinyl chloride, 1,1,2-trichloro-1,2,2-trifluoroethane, acetone, carbon disulfide, methyl acetate, 4-methyl-2-pentanone, 1,2-dibromo-3-chloropropane	J	erratic response factor
	acetone, 1,1,1-trichloroethane, methylcyclohexane, ethylbenzene	J	high surrogate recovery
	ethylbenzene	J	< quantitation limit
	trichloroethene	J	dilution exceeded holding times
1092	acetone	J	erratic response factor
	toluene	J	< quantitation limit
BNA			
1060-1067,1069, 1070	bis(2-chloroethyl)ether, 3,3'-dichlorobenzidine, benzo(k)fluoranthene	J	erratic response factor
1060	fluoranthene	J	< quantitation limit
1065	1,1'-biphenyl, carbazole, fluoranthene	J	< quantitation limit
1066	pyrene	J	< quantitation limit

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
1067	phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene	J	< quantitation limit
1068	2,4-dinitrophenol, 3,3'-dichlorobenzidine, benzo(k)fluoranthene	J	erratic response factor
	benzaldehyde, fluoranthene, pyrene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene	J	< quantitation limit
1069	pyrene	J	< quantitation limit
1070	fluorene, pyrene	J	< quantitation limit
1071	2,4-dinitrophenol, 3,3'-dichlorobenzidine, benzo(k)fluoranthene	J	erratic response factor
	acetophenone, naphthalene	J	< quantitation limit
1072,1074-1078	phenol, diethylphthalate, 4-nitroaniline, carbazole, butylbenzylphthalate, di-n-octylphthalate	J	erratic response factor
1072	benzaldehyde	J	< quantitation limit
1073	phenol, diethylphthalate, 4-nitroaniline, carbazole, butylbenzylphthalate, 3,3'-dichlorobenzidine, di-n-octylphthalate	J	erratic response factor
1075	naphthalene	J	< quantitation limit
1080-1082,1084-1087,1089	N-Nitroso-di-n-propylamine, nitrobenzene, butylbenzylphthalate, bis(2-ethylhexyl)phthalate, di-n-octylphthalate	J	erratic response factor
1080	benzaldehyde	J	< quantitation limit
1083	N-Nitroso-di-n-propylamine, nitrobenzene, butylbenzylphthalate, di-n-octylphthalate	J	erratic response factor

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
1087	fluoranthene	J	< quantitation limit
1089	phenanthrene, fluoranthene, pyrene, chrysene, benzo(b)fluoranthene	J	< quantitation limit
1090	all compounds	J	exceeded holding times
	bis(2-chloroethyl)ether, N-Nitroso-di-n-propylamine, 2-nitroaniline	J	erratic response factor
	acetophenone	J	< quantitation limit
1091	naphthalene, 1,1'-biphenyl, fluorene, phenanthrene	J	< quantitation limit
PES			
1060-1068,1070-1089	endrin aldehyde	R	action low in PE sample
1060-1091	alpha-BHC, delta-BHC, gamma-BHC	J	erratic response factor
1060	endrin ketone	J	< quantitation limit
1064	dieldrin, endrin, 4,4'-DDD, 4,4'-DDT	J	< quantitation limit
	endrin, 4,4'-DDD, 4,4'-DDT	N	difference in columns
1065	endosulfan I	N	difference in columns
		J	action high in PE sample, high surrogate recovery
	4,4'-DDD	J	high surrogate recovery
1066	endrin, aroclor-1254	J,N	high surrogate recovery, difference in columns
	endosulfan sulfate	J	high surrogate recovery
1067	endosulfan I	J	action high in PE sample
106[illegible]	aroclor-1260	J,N	high surrogate recovery, difference in columns

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
1069	endosulfan sulfate, gamma-chlordane	N	difference in columns
1069	endrin aldehyde	J	action low in PE sample
1070	heptachlor epoxide, dieldrin, endosulfan sulfate, 4,4'-DDT	N	difference in columns
1071	4,4'-DDE, methoxychlor	J	< quantitation limit
1072	heptachlor epoxide, 4,4'-DDD, endrin ketone	J	< quantitation limit
	heptachlor epoxide, 4,4'-DDD	N	difference in columns
1073	alpha-BHC, gamma-chlordane	J,N	< quantitation limit, difference in columns
107[illegible]	dieldrin, 4,4'-DDE	J,N	< quantitation limit, difference in columns
1077	alpha-BHC	J,N	< quantitation limit, difference in columns
1078	beta-BHC	J,N	< quantitation limit, difference in columns
1079	beta-BHC, dieldrin, endrin	J	< quantitation limit
	beta-BHC	N	difference in columns
1080,1083	dieldrin	J,N	< quantitation limit, difference in columns
1085	alpha-chlordane	J,N	< quantitation limit, difference in columns
1087	aroclor-1260	J	< quantitation limit
1089	alpha-chlordane	N	difference in columns
1090	endrin aldehyde	J	< quantitation limit, action low in PE sample,
		N	difference in columns

ORGANIC DATA QUALIFIER REPORT

Case Number:	27562	Project Number	00-0101	SAS Number	N/A
Site ID.	CTS of Asheville Inc., Skyland, NC				
Date:	12/10/99				

Affected Samples	Compound or Fraction	Flag Used	Reason
1091	endrin aldehyde	J	action low in PE sample, high surrogate recovery
1091	alpha-chlordane	J	high surrogate recovery
	endrin aldehyde, alpha-chlordane	N	difference in columns

Sample 1092 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01BS /

Media: TRIP BLANK - SOIL D No: RS62 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 07:00
Ending:

RESULTS	UNITS	ANALYTE
10U	UG/KG	DICHLORODIFLUOROMETHANE
10U	UG/KG	CHLOROMETHANE
10U	UG/KG	VINYL CHLORIDE
10U	UG/KG	BROMOMETHANE
10U	UG/KG	CHLOROETHANE
10U	UG/KG	TRICHLOROFLUOROMETHANE
10U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
10U	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
10UJ	UG/KG	ACETONE
10U	UG/KG	CARBON DISULFIDE
10U	UG/KG	METHYL ACETATE
10U	UG/KG	METHYLENE CHLORIDE
10U	UG/KG	TRANS-1,2-DICHLOROETHENE
10U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
10U	UG/KG	1,1-DICHLOROETHANE
10U	UG/KG	CIS-1,2-DICHLOROETHENE
10U	UG/KG	METHYL ETHYL KETONE
10U	UG/KG	CHLOROFORM
10U	UG/KG	1,1,1-TRICHLOROETHANE
10U	UG/KG	CYCLOHEXANE
10U	UG/KG	CARBON TETRACHLORIDE
10U	UG/KG	BENZENE
10U	UG/KG	1,2-DICHLOROETHANE
10U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
10U	UG/KG	METHYLCYCLOHEXANE
10U	UG/KG	1,2-DICHLOROPROPANE
10U	UG/KG	BROMODICHLOROMETHANE
10U	UG/KG	CIS-1,3-DICHLOROPROPENE
10U	UG/KG	METHYL ISOBUTYL KETONE
1J	UG/KG	TOLUENE
10U	UG/KG	TRANS-1,3-DICHLOROPROPENE
10U	UG/KG	1,1,2-TRICHLOROETHANE
10U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
10U	UG/KG	METHYL BUTYL KETONE
10U	UG/KG	DIBROMOCHLOROMETHANE
10U	UG/KG	1,2-DIBROMOETHANE (EDB)
10U	UG/KG	CHLOROBENZENE
10U	UG/KG	ETHYL BENZENE
10U	UG/KG	TOTAL XYLENES
10UR	UG/KG	STYRENE
10U	UG/KG	BROMOFORM
10U	UG/KG	ISOPROPYLBENZENE
10U	UG/KG	1,1,2,2-TETRACHLOROETHANE
10U	UG/KG	1,3-DICHLOROBENZENE
10U	UG/KG	1,4-DICHLOROBENZENE
10U	UG/KG	1,2-DICHLOROBENZENE
10U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
10U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
0.4	%	% MOISTURE

A-[illegible] value. NA-not analyzed. NAI-interferences. J-estimated val[illegible] evidence of presence of material.
K-actual value is known to be less than value given. L-actual val[illegible] than value given. U-material was analyzed for but [illegible] is the minimum quantitation limit.
R-[illegible] that data unusable. compound may or may [illegible] presence [illegible] analysis is necessary for verification.
[illegible] by gcms: 1.when no value is reported, see [illegible] or metabolites of technical chlordane

Sample 1092 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01BS /

Media: TRIP BLANK - SOIL D No: RS62 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 07:00

Ending:

RESULTS	UNITS	ANALYTE
18J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDEN ED BY CLP LAB - IDS NOT VERIFIED

A-average value NA-not analyz J-estimated value. N-presumptive evide
K-actual value is known to be L-actual value is known to be greater than value analyzed for but not detected. the number is
R-qc indicates that may not be present. resampling and
C-confirmed by gc chlordane constituents 2-constituents chlordane

Sample 1060 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 08:25

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
3J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1060 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 08:25
Ending:

RESULTS	UNITS	ANALYTE
97J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms:. 1.when no value is reported, see chlordane constituents 2. constituents or metabolites of technical chlordane

Sample 1061 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:45

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1061 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:45
Ending:

RESULTS	UNITS	ANALYTE
130J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

Sample 1062 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:50

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
9	%	% MOISTURE

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.
C-confirmed by gcms. 1.when no value is reported, see chlordane constituents 2.consituents or metabolites of technical chlordane

Sample 1062 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 10:50
Ending:

RESULTS	UNITS	ANALYTE
130J	UG/KG	2 LABORATORY ARTIFACTS
540J	UG/KG	6 UNKNOWN COMPOUNDS
22NJ	UG/KG	NAPHTHALENE, DECAHYDRO-
48NJ	UG/KG	NAPHTHALENE, DECAHYDRO-2-MET

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1063 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SS / MD No: RS66 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS66 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:25

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
11	%	% MOISTURE

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.
C-confirmed by gcms. 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1063 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SS / MD No: RS66

Media: SURFACE SOIL (0" - 12") D No: RS66

Inorg Contractor: SENTIN

Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:25

Ending:

RESULTS	UNITS	ANALYTE
70J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interference estimated value N-presumptive evidence of presence of material
K-actual value is known to be less than value given actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may or may not be present resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported. chlordane coelutants 2.constituents or metabolites of technical chlordane

Sample 1064 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SBA / MD No: RS67

Media: SUBSURFACE SOIL (> 12") D No: RS67

Inorg Contractor: SENTIN

Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 11:25

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
9	%	% MOISTURE

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.
C-confirmed by gcms. if where no value is reported, see chlordane constituents. J.constituents or metabolites of technical chlordane

Sample 1064 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SBA / MD No: RS67

Media: SUBSURFACE SOIL (> 12") D No: RS67

Inorg Contractor: SENTIN

Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 11:25

Ending:

RESULTS	UNITS	ANALYTE
230J	UG/KG	4 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interferences. E-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
C-confirmed by gcms: 1.when no value is reported see other tane constituents 2.constituents or metabolites of technical chlordane

Sample 1065 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SD / MD No: RS68
Media: SEDIMENT D No: RS68

Inorg Contractor: SENTIN
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:00
Ending:

RESULTS	UNITS	ANALYTE
19UJ	UG/KG	DICHLORODIFLUOROMETHANE
19UJ	UG/KG	CHLOROMETHANE
19UJ	UG/KG	VINYL CHLORIDE
19U	UG/KG	BROMOMETHANE
19U	UG/KG	CHLOROETHANE
19U	UG/KG	TRICHLOROFLUOROMETHANE
19U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
19UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
32U	UG/KG	ACETONE
19U	UG/KG	CARBON DISULFIDE
19U	UG/KG	METHYL ACETATE
19U	UG/KG	METHYLENE CHLORIDE
19U	UG/KG	TRANS-1,2-DICHLOROETHENE
19U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
2J	UG/KG	1,1-DICHLOROETHANE
88	UG/KG	CIS-1,2-DICHLOROETHENE
19U	UG/KG	METHYL ETHYL KETONE
19U	UG/KG	CHLOROFORM
2J	UG/KG	1,1,1-TRICHLOROETHANE
19U	UG/KG	CYCLOHEXANE
19U	UG/KG	CARBON TETRACHLORIDE
10J	UG/KG	BENZENE
19U	UG/KG	1,2-DICHLOROETHANE
4J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
14J	UG/KG	METHYLCYCLOHEXANE
19U	UG/KG	1,2-DICHLOROPROPANE
19U	UG/KG	BROMODICHLOROMETHANE
19U	UG/KG	CIS-1,3-DICHLOROPROPENE
19U	UG/KG	METHYL ISOBUTYL KETONE
22	UG/KG	TOLUENE
19U	UG/KG	TRANS-1,3-DICHLOROPROPENE
19U	UG/KG	1,1,2-TRICHLOROETHANE
19U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
19U	UG/KG	METHYL BUTYL KETONE
19U	UG/KG	DIBROMOCHLOROMETHANE
19U	UG/KG	1,2-DIBROMOETHANE (EDB)
19U	UG/KG	CHLOROBENZENE
7J	UG/KG	ETHYL BENZENE
33	UG/KG	TOTAL XYLENES
19UR	UG/KG	STYRENE
19U	UG/KG	BROMOFORM
7J	UG/KG	ISOPROPYLBENZENE
19U	UG/KG	1,1,2,2-TETRACHLOROETHANE
19U	UG/KG	1,3-DICHLOROBENZENE
19U	UG/KG	1,4-DICHLOROBENZENE
19U	UG/KG	1,2-DICHLOROBENZENE
19U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
19U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
34	%	% MOISTURE

A-average value NA-not analyzed. NAI-interferences. J-estimated value. N-[illegible] 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. [illegible] analysis is necessary for verification.
C-confirmed by gcms. If when no value is reported, see chlordane constituents [illegible] metabolites of technical chlordane

Sample 1065 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SD / MD No: RS68
Media: SEDIMENT D No: RS68

Inorg Contractor: SENTIN
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:00
Ending:

RESULTS	UNITS	ANALYTE
70NJ	UG/KG	BENZENE, 1-METHYL-4- (1-METHY
43NJ	UG/KG	BENZENE, (1-METHYLETHYL) -
300JN	UG/KG	6 SUBSTITUTED BENZENES
55NJ	UG/KG	BENZENE, 1, 4-DIETHYL-
20NJ	UG/KG	BENZENE, 1-METHYL-4-PROPYL-
25NJ	UG/KG	BENZENE, 1-METHYL-4- (1-METHY
43NJ	UG/KG	BENZENE, 2-ETHYL-1, 3-DIMETHY
12J	UG/KG	LABORATORY ARTIFACT
55NJ	UG/KG	BENZENE, 1-ETHYL-2, 3-DIMETHY
75NJ	UG/KG	BENZENE, 1, 2, 4, 5 - TETRAMETHYL
430J	UG/KG	5 UNKNOWN COMPOUNDS
84JN	UG/KG	METHYLQUINOLINE
400NJ	UG/KG	1H-INDENE, 2, 3-DIHYDRO-4, 7-D
95JN	UG/KG	2 ETHYLMETHYLBENZENE ISOMERS

DATA REPORTED AS IDENTIFIED BY CLP [illegible] IDS NOT VERIFIED

A-average value. NA-not analyzed. NA: interfere[illegible] [illegible]stimated value. N-presumptive evidence of presence of mate[illegible]
K-actual value is known to be less than value give[illegible] [illegible] that value is known to be greater than value given. U-material [illegible] analyzed [illegible] not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. co[illegible] [illegible] not present. resampling and reanalysis is necessary for [illegible].
C-confirmed by gc/ms: 1.when no value is reported [illegible] [illegible]stituents 2.constituents or metabolites of technical [illegible]

Sample 1066 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SD / MD No: RS69

Media: SEDIMENT D No: RS69

Inorg Contractor: SENTIN

Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:15

Ending:

RESULTS	UNITS	ANALYTE
150UJ	UG/KG	DICHLORODIFLUOROMETHANE
150UJ	UG/KG	CHLOROMETHANE
150UJ	UG/KG	VINYL CHLORIDE
150U	UG/KG	BROMOMETHANE
150U	UG/KG	CHLOROETHANE
150U	UG/KG	TRICHLOROFLUOROMETHANE
150U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
150U	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
150UJ	UG/KG	ACETONE
150U	UG/KG	CARBON DISULFIDE
150UJ	UG/KG	METHYL ACETATE
150U	UG/KG	METHYLENE CHLORIDE
150U	UG/KG	TRANS-1,2-DICHLOROETHENE
150U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
150U	UG/KG	1,1-DICHLOROETHANE
46J	UG/KG	CIS-1,2-DICHLOROETHENE
150UJ	UG/KG	METHYL ETHYL KETONE
150U	UG/KG	CHLOROFORM
120J	UG/KG	1,1,1-TRICHLOROETHANE
150U	UG/KG	CYCLOHEXANE
150U	UG/KG	CARBON TETRACHLORIDE
150U	UG/KG	BENZENE
150U	UG/KG	1,2-DICHLOROETHANE
17J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
630J	UG/KG	METHYLCYCLOHEXANE
150U	UG/KG	1,2-DICHLOROPROPANE
150U	UG/KG	BROMODICHLOROMETHANE
150U	UG/KG	CIS-1,3-DICHLOROPROPENE
150U	UG/KG	METHYL ISOBUTYL KETONE
100J	UG/KG	TOLUENE
150U	UG/KG	TRANS-1,3-DICHLOROPROPENE
150U	UG/KG	1,1,2-TRICHLOROETHANE
150U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
150U	UG/KG	METHYL BUTYL KETONE
150U	UG/KG	DIBROMOCHLOROMETHANE
150U	UG/KG	1,2-DIBROMOETHANE (EDB)
150U	UG/KG	CHLOROBENZENE
290J	UG/KG	ETHYL BENZENE
970J	UG/KG	TOTAL XYLENES
150UR	UG/KG	STYRENE
150U	UG/KG	BROMOFORM
240J	UG/KG	ISOPROPYLBENZENE
150U	UG/KG	1,1,2,2-TETRACHLOROETHANE
150U	UG/KG	1,3-DICHLOROBENZENE
150U	UG/KG	1,4-DICHLOROBENZENE
150U	UG/KG	1,2-DICHLOROBENZENE
150UJ	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
150U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
32	%	% MOISTURE

A-[illegible] value. NA-not analyzed. NAI-interferences. J-estimated value [illegible] 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. [illegible] is the minimum quantitation limit.
R-[illegible] indicates that data unusable. compound may or may not be present [illegible] analysis is necessary for verification.
C-[illegible] by gross [illegible] when no value is reported, see chlordane [illegible] metabolites of technical chlordane

VOLATILES S[illegible]LE ANALYSIS | EPA - REGION IV S[illegible]D, ATHENS, GA | Production Date: 12/27/[illegible]9 16:11

Sample 1066 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG02SD / MD No: RS69
Media: SEDIMENT D No: RS69

Inorg Contractor: SENTIN
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:15
Ending:

RESULTS	UNITS	ANALYTE
310000J	UG/KG	11 UNKNOWN COMPOUNDS
23000JN	UG/KG	2 SUBSTITUTED BENZENES
2400NJ	UG/KG	BENZENE, 1-ETHYL-2-METHYL-
9900NJ	UG/KG	NAPHTHALENE, DECAHYDRO-, TRA
18000JN	UG/KG	SUBSTITUTED NAPHTHALENE

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. NA-not analyzed. NAI-interfe[illegible] 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.
C-confirmed by gcms: 1.when [illegible] value is reported [illegible] constituents 2.constituents or metabolites of [illegible]

Sample 1067 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70

Media: SEDIMENT D No: RS70

Inorg Contractor: SENTIN

Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
14UJ	UG/KG	DICHLORODIFLUOROMETHANE
14UJ	UG/KG	CHLOROMETHANE
14UJ	UG/KG	VINYL CHLORIDE
14U	UG/KG	BROMOMETHANE
14U	UG/KG	CHLOROETHANE
14U	UG/KG	TRICHLOROFLUOROMETHANE
14U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
14UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
14U	UG/KG	ACETONE
14U	UG/KG	CARBON DISULFIDE
14U	UG/KG	METHYL ACETATE
14U	UG/KG	METHYLENE CHLORIDE
14U	UG/KG	TRANS-1,2-DICHLOROETHENE
14U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
14U	UG/KG	1,1-DICHLOROETHANE
14U	UG/KG	CIS-1,2-DICHLOROETHENE
14U	UG/KG	METHYL ETHYL KETONE
14U	UG/KG	CHLOROFORM
14U	UG/KG	1,1,1-TRICHLOROETHANE
14U	UG/KG	CYCLOHEXANE
14U	UG/KG	CARBON TETRACHLORIDE
14U	UG/KG	BENZENE
14U	UG/KG	1,2-DICHLOROETHANE
12J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
14U	UG/KG	METHYLCYCLOHEXANE
14U	UG/KG	1,2-DICHLOROPROPANE
14U	UG/KG	BROMODICHLOROMETHANE
14U	UG/KG	CIS-1,3-DICHLOROPROPENE
14U	UG/KG	METHYL ISOBUTYL KETONE
14U	UG/KG	TOLUENE
14U	UG/KG	TRANS-1,3-DICHLOROPROPENE
14U	UG/KG	1,1,2-TRICHLOROETHANE
14U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
14U	UG/KG	METHYL BUTYL KETONE
14U	UG/KG	DIBROMOCHLOROMETHANE
14U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
14U	UG/KG	CHLOROBENZENE
14U	UG/KG	ETHYL BENZENE
14U	UG/KG	TOTAL XYLENES
14UR	UG/KG	STYRENE
14U	UG/KG	BROMOFORM
14U	UG/KG	ISOPROPYLBENZENE
14U	UG/KG	1,1,2,2-TETRACHLOROETHANE
14U	UG/KG	1,3-DICHLOROBENZENE
14U	UG/KG	1,4-DICHLOROBENZENE
14U	UG/KG	1,2-DICHLOROBENZENE
14U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
14U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
29	%	% MOISTURE

Average value [illegible] analyzed. NAI-interferences. J-estimated [illegible] presence of presence of material.
[illegible] is known to be less than value given. L-actual value is [illegible] greater [illegible] value given. U-material was analyzed for but not detected. [illegible] is the minimum quantitation limit.
[illegible] that [illegible] usable. compound may or may not be present [illegible] analysis is necessary for verification.
[illegible] by gc [illegible] when no value is reported, see chlordane [illegible] or metabolites of technical chlordane

Sample 1067 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS70 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
55J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY LP LAB - IDS NOT VERIFIED

A-average value. NA-not an[illegible] J-estimated value. N-presumptive evidence of presence [illegible]
K-actual value is known to be [illegible] L-actual value is known to be greater than value given. U-[illegible] was analyzed for but not detected. the number is the minimum quantitation limit
R-qc indicates that data un[illegible] may or may not be present. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.wh[illegible] see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 1068 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
13UJ	UG/KG	DICHLORODIFLUOROMETHANE
13UJ	UG/KG	CHLOROMETHANE
13UJ	UG/KG	VINYL CHLORIDE
13U	UG/KG	BROMOMETHANE
13U	UG/KG	CHLOROETHANE
13U	UG/KG	TRICHLOROFLUOROMETHANE
13U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
13UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
13U	UG/KG	ACETONE
13U	UG/KG	CARBON DISULFIDE
13U	UG/KG	METHYL ACETATE
13U	UG/KG	METHYLENE CHLORIDE
13U	UG/KG	TRANS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	1,1-DICHLOROETHANE
13U	UG/KG	CIS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL ETHYL KETONE
13U	UG/KG	CHLOROFORM
13U	UG/KG	1,1,1-TRICHLOROETHANE
13U	UG/KG	CYCLOHEXANE
13U	UG/KG	CARBON TETRACHLORIDE
13U	UG/KG	BENZENE
13U	UG/KG	1,2-DICHLOROETHANE
11J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
13U	UG/KG	METHYLCYCLOHEXANE
13U	UG/KG	1,2-DICHLOROPROPANE
13U	UG/KG	BROMODICHLOROMETHANE
13U	UG/KG	CIS-1,3-DICHLOROPROPENE
13U	UG/KG	METHYL ISOBUTYL KETONE
13U	UG/KG	TOLUENE
13U	UG/KG	TRANS-1,3-DICHLOROPROPENE
13U	UG/KG	1,1,2-TRICHLOROETHANE
13U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
13U	UG/KG	METHYL BUTYL KETONE
13U	UG/KG	DIBROMOCHLOROMETHANE
13U	UG/KG	1,2-DIBROMOETHANE (EDB)
13U	UG/KG	CHLOROBENZENE
13U	UG/KG	ETHYL BENZENE
13U	UG/KG	TOTAL XYLENES
13UR	UG/KG	STYRENE
13U	UG/KG	BROMOFORM
13U	UG/KG	ISOPROPYLBENZENE
13U	UG/KG	1,1,2,2-TETRACHLOROETHANE
13U	UG/KG	1,3-DICHLOROBENZENE
13U	UG/KG	1,4-DICHLOROBENZENE
13U	UG/KG	1,2-DICHLOROBENZENE
13U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
13U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
22	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated [illegible] presumptive evidence of presence of material.
[illegible] value is known to be less than value given. L-actual value [illegible] be greater than value given. U-material was analyzed for but not detected [illegible] is the minimum quantitation limit.
[illegible] indicates that data unusable. compound may or may not be present [illegible] reanalysis is necessary for verification.
[illegible] by gross. 1.when no value is reported. see chlordane [illegible] metabolites of technical chlordane

Sample 1068 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
28J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED [illegible] CLP LAB - IDS NOT VERIFIED

A-average value: NA [illegible] ances. J-estimated value. [illegible]-presumptive [illegible] material.
K-actual value is known [illegible] ess [illegible] present. L-actual value is known to be greater [illegible] was analyzed for but not detected. The number is the [illegible]
R-qc indicates [illegible] may or may not be present. [illegible] and [illegible] verification.
C-confirmed by gcms [illegible] ed, see chlordane constituents [illegible] consituents [illegible] al chlordane

Sample 1069 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:15

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12UJ	UG/KG	BROMOMETHANE
12UJ	UG/KG	CHLOROETHANE
12UJ	UG/KG	TRICHLOROFLUOROMETHANE
12UJ	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12UJ	UG/KG	ACETONE
12UJ	UG/KG	CARBON DISULFIDE
12UJ	UG/KG	METHYL ACETATE
12UJ	UG/KG	METHYLENE CHLORIDE
12UJ	UG/KG	TRANS-1,2-DICHLOROETHENE
12UJ	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12UJ	UG/KG	1,1-DICHLOROETHANE
12UJ	UG/KG	CIS-1,2-DICHLOROETHENE
12UJ	UG/KG	METHYL ETHYL KETONE
12UJ	UG/KG	CHLOROFORM
12UJ	UG/KG	1,1,1-TRICHLOROETHANE
12UJ	UG/KG	CYCLOHEXANE
12UJ	UG/KG	CARBON TETRACHLORIDE
12UJ	UG/KG	BENZENE
12UJ	UG/KG	1,2-DICHLOROETHANE
3J	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12UJ	UG/KG	METHYLCYCLOHEXANE
12UJ	UG/KG	1,2-DICHLOROPROPANE
12UJ	UG/KG	BROMODICHLOROMETHANE
12UJ	UG/KG	CIS-1,3-DICHLOROPROPENE
12UJ	UG/KG	METHYL ISOBUTYL KETONE
12UJ	UG/KG	TOLUENE
12UJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
12UJ	UG/KG	1,1,2-TRICHLOROETHANE
12UJ	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12UJ	UG/KG	METHYL BUTYL KETONE
12UJ	UG/KG	DIBROMOCHLOROMETHANE
12UJ	UG/KG	1,2-DIBROMOETHANE (EDB)
12UJ	UG/KG	CHLOROBENZENE
12UJ	UG/KG	ETHYL BENZENE
12UJ	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12UJ	UG/KG	BROMOFORM
12UJ	UG/KG	ISOPROPYLBENZENE
12UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
12UJ	UG/KG	1,3-DICHLOROBENZENE
12UJ	UG/KG	1,4-DICHLOROBENZENE
12UJ	UG/KG	1,2-DICHLOROBENZENE
12UJ	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12UJ	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
20	%	% MOISTURE

EXCEEDS HOLDING TIME

A [illegible] not analyzed. NA-interferences. J-estimated value. [illegible] of presence of material.
[illegible] less than value given. L-actual value is known to be [illegible] value given. U-material was analyzed for but not detected. [illegible] is the minimum quantitation limit.
[illegible] compound may or may not be present. [illegible] analysis is necessary for verification.
[illegible] no value is reported, see chlordane constituents [illegible] of technical chlordane

Sample 1069 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:15

Ending:

RESULTS	UNITS	ANALYTE
270J	UG/KG	4 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED B[illegible] LAB - I[illegible], NOT VERIFIED

A-average value. NA-not analyzed. NA[illegible] [illegible]ated value. N-presumptive evidence of presenc[illegible]

K-actual value is known to be less than [illegible] actual value is known to be greater than value given. [illegible] for but not detected. the number is the minimum quantitat[illegible]

R-qc indicates that data unusable. [illegible] present. resampling and reanalysis is nece[illegible]

C-confirmed by gcms: 1.when no value [illegible] constituents 2.constituents or metabolites [illegible]

Sample 1070 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:15

Ending:

RESULTS	UNITS	ANALYTE
77UJ	UG/KG	DICHLORODIFLUOROMETHANE
77UJ	UG/KG	CHLOROMETHANE
77UJ	UG/KG	VINYL CHLORIDE
77U	UG/KG	BROMOMETHANE
77U	UG/KG	CHLOROETHANE
77U	UG/KG	TRICHLOROFLUOROMETHANE
77U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
10J	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
77U	UG/KG	ACETONE
77U	UG/KG	CARBON DISULFIDE
77U	UG/KG	METHYL ACETATE
77U	UG/KG	METHYLENE CHLORIDE
77U	UG/KG	TRANS-1,2-DICHLOROETHENE
77U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
77U	UG/KG	1,1-DICHLOROETHANE
77U	UG/KG	CIS-1,2-DICHLOROETHENE
77U	UG/KG	METHYL ETHYL KETONE
77U	UG/KG	CHLOROFORM
22J	UG/KG	1,1,1-TRICHLOROETHANE
77U	UG/KG	CYCLOHEXANE
15J	UG/KG	CARBON TETRACHLORIDE
77U	UG/KG	BENZENE
77U	UG/KG	1,2-DICHLOROETHANE
33000	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
280J	UG/KG	METHYLCYCLOHEXANE
77U	UG/KG	1,2-DICHLOROPROPANE
77U	UG/KG	BROMODICHLOROMETHANE
77U	UG/KG	CIS-1,3-DICHLOROPROPENE
77U	UG/KG	METHYL ISOBUTYL KETONE
77U	UG/KG	TOLUENE
77U	UG/KG	TRANS-1,3-DICHLOROPROPENE
77U	UG/KG	1,1,2-TRICHLOROETHANE
310J	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
77U	UG/KG	METHYL BUTYL KETONE
77U	UG/KG	DIBROMOCHLOROMETHANE
77U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
77U	UG/KG	CHLOROBENZENE
41J	UG/KG	ETHYL BENZENE
380J	UG/KG	TOTAL XYLENES
77UR	UG/KG	STYRENE
77U	UG/KG	BROMOFORM
180J	UG/KG	ISOPROPYLBENZENE
77U	UG/KG	1,1,2,2-TETRACHLOROETHANE
77U	UG/KG	1,3-DICHLOROBENZENE
77U	UG/KG	1,4-DICHLOROBENZENE
77U	UG/KG	1,2-DICHLOROBENZENE
77U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
77U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
35	%	% MOISTURE

A[illegible] not analyzed. NAI-interferences. J-estimated value [illegible] presence of presence of material.
[illegible] to be less than value given. L-actual value is [illegible] value given. U-material was analyzed for but not detected [illegible] minimum quantitation limit.
[illegible] unusable. compound may or may not be present [illegible] analysis is necessary for verification.
[illegible] when no value is reported, see chlordane [illegible] metabolites of technical chlordane

Sample 1070 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:15
Ending:

RESULTS	UNITS	ANALYTE
55000J	UG/KG	6 UNKNOWN COMPOUNDS
3600NJ	UG/KG	BENZENE, 4-ETHYL-1, 2-DIMETHY
3500NJ	UG/KG	1H-INDENE, 1-ETHYLIDENE-
1600NJ	UG/KG	NAPHTHALENE, 1-METHYL-
6900JN	UG/KG	3 TRIMETHYLBENZENE ISOMERS
4800JN	UG/KG	2 ETHYLMETHYLBENZENE ISOMERS

DATA REPORTED AS IDENTIFIED [illegible] NOT VERIFIED

A-average value. NA-not analyzed [illegible] estimated value. N-presumptive evidence of presence of material
K-actual value is known to be less [illegible] value is known to be greater than value given [illegible] for but not detected. the number is the minimum quantitation [illegible]
R-qc indicates that data [illegible] be present. resampling and reanalysis is [illegible]
C-confirmed by gcms: [illegible] tine constituents 2.constituents or metabolites [illegible]

Sample 1071 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:10
Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
29	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
17	%	% MOISTURE

[illegible] average value. NA-not analyzed. NAI-interferences. J-estimated [illegible] presence of material.
[illegible] actual value [illegible] known to be less than value given. L-actual value [illegible] given. U-material was analyzed for but not detected [illegible] minimum quantitation limit.
[illegible] unusable. compound may or may not be [illegible] is necessary for verification.
[illegible] when no value is reported see chlordane [illegible] metabolites of technical chlordane

Sample 1071 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:10
Ending:

RESULTS	UNITS	ANALYTE
100J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - DS NOT VERIFIED

A-average value. NA-not analyzed. [illegible] nated value. N-presumptive evidence of pr[illegible]ional
K-actual value is known to be less [illegible] value is known to be greater than value given [illegible] ed for but not detected. the number is the [illegible]
R-qc indicates that data [illegible] be present. resampling and reanalysis is [illegible]
C-confirmed by gcms: [illegible] ane constituents 2.constituents or metabo[illegible]

Sample 1072 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
14	%	% MOISTURE

[illegible] NA-not analyzed. NAI-interferences. J-estim[illegible] evidence of presence of material.
[illegible] known to be less than value given. L-actual [illegible] than value given. U-material was analyzed for [illegible] the minimum quantitation limit.
[illegible] data unusable. compound may or may not [illegible] analysis is necessary for verification.
[illegible] 1.when no value is reported, see [illegible] metabolites of technical chlordane

Sample 1072 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
120J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFI[illegible] CLP LAB - IDS NOT VERIFIED

A-average value. NA-no[illegible] [illegible]-estimated value. N-presumptive evidence of pres[illegible] material
K-actual value is known [illegible] [illegible]tual value is known to be greater than value given [illegible] analyzed for but not detected. the number is the min[illegible]
R-qc indicates that data [illegible] not be present. resampling and reanalysis is [illegible]
C-confirmed by gcms [illegible] chlordane constituents 2.constituents or metabol[illegible]

Sample 1073 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:02
Ending:

RESULTS	UNITS	ANALYTE
13UJ	UG/KG	DICHLORODIFLUOROMETHANE
13UJ	UG/KG	CHLOROMETHANE
13UJ	UG/KG	VINYL CHLORIDE
13U	UG/KG	BROMOMETHANE
13U	UG/KG	CHLOROETHANE
13U	UG/KG	TRICHLOROFLUOROMETHANE
13U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
13UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
13U	UG/KG	ACETONE
13U	UG/KG	CARBON DISULFIDE
13U	UG/KG	METHYL ACETATE
13U	UG/KG	METHYLENE CHLORIDE
13U	UG/KG	TRANS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	1,1-DICHLOROETHANE
13U	UG/KG	CIS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL ETHYL KETONE
13U	UG/KG	CHLOROFORM
13U	UG/KG	1,1,1-TRICHLOROETHANE
13U	UG/KG	CYCLOHEXANE
13U	UG/KG	CARBON TETRACHLORIDE
13U	UG/KG	BENZENE
13U	UG/KG	1,2-DICHLOROETHANE
13U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
13U	UG/KG	METHYLCYCLOHEXANE
13U	UG/KG	1,2-DICHLOROPROPANE
13U	UG/KG	BROMODICHLOROMETHANE
13U	UG/KG	CIS-1,3-DICHLOROPROPENE
13U	UG/KG	METHYL ISOBUTYL KETONE
13U	UG/KG	TOLUENE
13U	UG/KG	TRANS-1,3-DICHLOROPROPENE
13U	UG/KG	1,1,2-TRICHLOROETHANE
13U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
13U	UG/KG	METHYL BUTYL KETONE
13U	UG/KG	DIBROMOCHLOROMETHANE
13U	UG/KG	1,2-DIBROMOETHANE (EDB)
13U	UG/KG	CHLOROBENZENE
13U	UG/KG	ETHYL BENZENE
13U	UG/KG	TOTAL XYLENES
13UR	UG/KG	STYRENE
13U	UG/KG	BROMOFORM
13U	UG/KG	ISOPROPYLBENZENE
13U	UG/KG	1,1,2,2-TETRACHLOROETHANE
13U	UG/KG	1,3-DICHLOROBENZENE
13U	UG/KG	1,4-DICHLOROBENZENE
13U	UG/KG	1,2-DICHLOROBENZENE
13U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
13U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
22	%	% MOISTURE

Analyzed value. NA-not analyzed. NAI-interferences. J-estimated value [illegible] presumptive evidence of presence of material
Reported value is known to be less than value given. L-actual [illegible] greater than value given. U-material was analyzed [illegible] is the minimum quantitation limit
[illegible] that data unusable. compound may or may [illegible] and reanalysis is necessary for verificatio
[illegible] by gcms: 1.when no value is reported, see ch[illegible] constituents or metabolites of technical chlordane

Sample 1073 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:02
Ending:

RESULTS	UNITS	ANALYTE
64J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average value. N/A not analyzed. [illegible] J-estimated value. N-presumptive evidence of [illegible]
K-actual value is known to be less [illegible] given [illegible] actual value is known to be greater than [illegible] analyzed for but not detected the number is the [illegible] limit.
R qc indicates that [illegible] may not be present. resampling and reanalysis [illegible] sheet.
C-confirmed by gc [illegible] chlordane constituents 2.constituents [illegible] chlordane

Sample 1074 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:10

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
14	%	% MOISTURE

Average value. NA-not analyzed. NAI-interferences [illegible] presumptive evidence of presence of material.
Estimated value is known to be less than value given. L [illegible] greater than value given. U-material was analyzed for but not detected. the number is the minimum quantitation limit.
Rejected values that data unusable. compound may o[illegible] sampling and reanalysis is necessary for verification
Confirmed by gcms: 1.when no value is reported, s[illegible] constituents or metabolites of technical chlordane.

Sample 1075 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:30

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
20	%	% MOISTURE

A-average value. NA-not analyzed. NA-interference [illegible] presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is [illegible] greater than value given. U-material was analyzed for but not detected. The number is the minimum quantitation limit.
R-rejected indicates that data unusable. compound may or may [illegible] resampling and reanalysis is necessary for verification.
Determined by gcms: 1.when no value is reported, see [illegible] constituents or metabolites of technical chlor[illegible]

Sample 1074 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:10
Ending:

RESULTS	UNITS	ANALYTE
270J	UG/KG	4-LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average valu[illegible] Al-interferences. J-estimated value. N-presumptive [illegible]
K-actual value is [illegible] value given. L-actual value is known to be greater [illegible] analyzed for but not detected. The number is [illegible] limit
R-qc indicates [illegible] compound may or may not be present. resampling [illegible] for [illegible]ation.
C-confirmed by [illegible] is reported. see chlordane constituents 2.cons[illegible] chlordane

Sample 1075 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:30

Ending:

RESULTS	UNITS	ANALYTE
29J	UG/KG	2 LABORATORY ARTIFACTS

DATA RE ED BY CLP LAB - IDS NOT VERIFIED

A-average interferences. J-estimated value. N-presumptive evidence of material.
K-actual va value given. L-actual value is known to be gre was analyzed for but not detected. The numbe cation limit.
N-ind pound may or may not be present. resa verification.
D-confirm s reported, see chlordane constituents l chlordane

Sample 1076 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:50

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
14	%	% MOISTURE

A-average value. NA-not analyzed. NA-interference [illegible] presumptive evidence of presence of material
[illegible] value is known to be less than value given. [illegible] value is [illegible] to be greater than value given. U material was [illegible] the number is the minimum quantitation limit
R-indicates that data unusable. compound [illegible] resampling and reanalysis is necessary for ver[illegible]
C-confirmed by gcms: 1.when no value is reported, [illegible] is 2.constituents or metabolites [illegible] technical [illegible]

Sample 1076 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:50

Ending:

RESULTS	UNITS	ANALYTE
300J	UG/KG	4 LABORATORY ARTIFACTS

DATA REPORTED AS [illegible]TIFIED BY CLP LAB - IDS NOT VERIFIED

A-average [illegible] NA-not [illegible], NAI-interferences. J-estimated value. N-pres[illegible] [illegible] material.

K-actual [illegible] than value given. L-actual value is known to be [illegible] than [illegible] material was analyzed for but not detected. the [illegible] detection limit.

R-qc [illegible] compound may or may not be present. [illegible] verification.

C-confi[illegible] value is reported, see chlorda[illegible] constituents [illegible] technical chlordane

Sample 1077 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 15:45

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
69U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
10	%	% MOISTURE

A-average value. NA-not analyzed. [illegible] N-presumptive evidence of presence of mate[illegible]
K-actual value is known to be less th[illegible] to be greater than value give[illegible] U-material [illegible] detected. the number is the minimum quantitation limit
R-[illegible] indicates that data unusable. [illegible] resampling and reanalysis is necessary for [illegible]
C-confirmed by gcms: 1 when no va[illegible] ts 2.constituents or metabolites of techni[illegible]

Sample 1077 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 15:45
Ending:

RESULTS	UNITS	ANALYTE
220J	UG/KG	3 LABORATORY ARTIFACTS

DATA R NTIFIED BY CLP LAB - IDS NOT VERIFIED

A-average NAI-interferences. J-estimated value. N-presumptive presence of material.
R-actual value given. L-actual value is known to U-material was analyzed for but not detected. quantitation limit.
compound may or may not present. for verification.
value is reported, see chlordane constituents values of technical chlordane

Sample 1078 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11UJ	UG/KG	CHLOROMETHANE
11UJ	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
12	%	% MOISTURE

A-average value. NA-not analyzed. [illegible] value. N-presumptive evidence of presence of [illegible]
K-actual value is known to be less than [illegible] known to be greater than value given. U-material [illegible] not detected the number is the minimum quantitation [illegible]
R-qc indicates that data unusable [illegible] resampling and reanalysis is necessary [illegible]
C-confirmed by gcms 1.when [illegible] 2.constituents or metabolites of [illegible]

Sample 1078 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:00
Ending:

RESULTS	UNITS	ANALYTE
220J	UG/KG	2 LABORATORY ARTIFACTS

DATA [illegible] ENTIFIED BY CLP LAB - IDS NOT VERIF[illegible]

A-[illegible] NAI-interferences. J-estimated value. [illegible] ce of material.
[illegible] less than value given. L-actual value is know[illegible] material was analyzed for but not [illegible] quantitation limit.
[illegible] compound may or may not be present. [illegible] ssary for verification.
[illegible] value is reported, see chlordane constit[illegible] of technical chlordane

Sample 1079 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 16:00

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12UJ	UG/KG	METHYL ISOBUTYL KETONE
12UJ	UG/KG	TOLUENE
12UJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
12UJ	UG/KG	1,1,2-TRICHLOROETHANE
12UJ	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12UJ	UG/KG	METHYL BUTYL KETONE
12UJ	UG/KG	DIBROMOCHLOROMETHANE
12UJ	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	CHLOROBENZENE
12UJ	UG/KG	ETHYL BENZENE
12UJ	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12UJ	UG/KG	BROMOFORM
12UJ	UG/KG	ISOPROPYLBENZENE
12UJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
12UJ	UG/KG	1,3-DICHLOROBENZENE
12UJ	UG/KG	1,4-DICHLOROBENZENE
12UJ	UG/KG	1,2-DICHLOROBENZENE
12UJ	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12UJ	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
18	%	% MOISTURE

A-average value. NA-not analyzed. [illegible] value. N-presumptive evidence of presence of [illegible]

K-actual value is known to be less than value given. [illegible] is known to be greater than value given. U-[illegible] not detected. the number is the minimum quantitation limit

R-qc indicates that data unusable [illegible] present. resampling and reanalysis is necessary [illegible]

C-confirmed by gcms. 1.wh[illegible] constituents 2.constituents or metabolites of [illegible]

Sample 1079 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:00
Ending:

RESULTS	UNITS	ANALYTE
230J	UG/KG	4 LABORATORY ARTIFACTS

ATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NO

NA-not analyzed. NAI-interferences J-estimated evidence of presence of material.
known to be less than value given. L-actual value than value given. U-material was analyzed the minimum quanitation limit.
data unusable. compound may or may not be analysis is necessary for verification
ns: 1.when no value is reported, ents or metabolites of technical chlordane

Sample 1080 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:20
Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12UJ	UG/KG	CHLOROMETHANE
12UJ	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
14	%	% MOISTURE

average value. NA-not analyzed. NA-inter[illegible]
actual value is known to be less than value [illegible] the number is the minimum quantitation lim[illegible]
c indicates that data unusable compound [illegible] presumptive evidence of presence of [illegible]
[illegible] to be greater than value given. U-mate[illegible]
[illegible] resampling and reanalysis is necessary [illegible]
confirmed by gcms: 1.when no value is rep[illegible] [illegible] 2 constituents or metabolites of te[illegible]

Sample 1080 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:20
Ending:

RESULTS	UNITS	ANALYTE
350J	UG/KG	3 LABORATORY ARTIFACTS

DAT NTIFIED BY CLP LAB - IDS NOT VERIFIED

interferences. J-estimated value of material.
value given. L-actual value is known to be material was analyzed for but not detected. quantitation limit.
compound may or may not be present ary for verification.
s reported, see chlor Technical chlordane

Sample 1081 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG09SBA / MD*No: RS86 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:15

Ending:

RESULTS	UNITS	ANALYTE
13UJ	UG/KG	DICHLORODIFLUOROMETHANE
13UJ	UG/KG	CHLOROMETHANE
13UJ	UG/KG	VINYL CHLORIDE
13U	UG/KG	BROMOMETHANE
13U	UG/KG	CHLOROETHANE
13U	UG/KG	TRICHLOROFLUOROMETHANE
13U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
13UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
13U	UG/KG	ACETONE
13U	UG/KG	CARBON DISULFIDE
13U	UG/KG	METHYL ACETATE
13U	UG/KG	METHYLENE CHLORIDE
13U	UG/KG	TRANS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	1,1-DICHLOROETHANE
13U	UG/KG	CIS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL ETHYL KETONE
13U	UG/KG	CHLOROFORM
13U	UG/KG	1,1,1-TRICHLOROETHANE
13U	UG/KG	CYCLOHEXANE
13U	UG/KG	CARBON TETRACHLORIDE
13U	UG/KG	BENZENE
13U	UG/KG	1,2-DICHLOROETHANE
13U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
13U	UG/KG	METHYLCYCLOHEXANE
13U	UG/KG	1,2-DICHLOROPROPANE
13U	UG/KG	BROMODICHLOROMETHANE
13U	UG/KG	CIS-1,3-DICHLOROPROPENE
13U	UG/KG	METHYL ISOBUTYL KETONE
13U	UG/KG	TOLUENE
13U	UG/KG	TRANS-1,3-DICHLOROPROPENE
13U	UG/KG	1,1,2-TRICHLOROETHANE
13U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
13U	UG/KG	METHYL BUTYL KETONE
13U	UG/KG	DIBROMOCHLOROMETHANE
13U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
13U	UG/KG	CHLOROBENZENE
13U	UG/KG	ETHYL BENZENE
13U	UG/KG	TOTAL XYLENES
13UR	UG/KG	STYRENE
13U	UG/KG	BROMOFORM
13U	UG/KG	ISOPROPYLBENZENE
13U	UG/KG	1,1,2,2-TETRACHLOROETHANE
13U	UG/KG	1,3-DICHLOROBENZENE
13U	UG/KG	1,4-DICHLOROBENZENE
13U	UG/KG	1,2-DICHLOROBENZENE
13U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
13U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
22	%	% MOISTURE

A-average value. NA-not analyzed. NAI-[illegible] value. N-presumptive evidence of presence [illegible]
K-actual value is known to be less than value [illegible] actual [illegible] is known to be greater than value given. U-[illegible] the number is the minimum quantitation [illegible]
R-qc indicates that data unusable. compo[illegible] resampling and reanalysis is necessary [illegible]
C-confirmed by gcms: 1.whe[illegible] no value [illegible] constituents 2.constituents or metabolites of [illegible]

Sample 1081 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG09SBA / MD No: RS86 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:15
Ending:

RESULTS	UNITS	ANALYTE
45J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

[illegible] not analyzed. NAI-interferences. J-estimated va[illegible] [illegible]ence of material.
[illegible] the less than value given. L-actual value is [illegible] U-material was analyzed for but not detected [illegible] quantitation limit.
[illegible] compound may or may not be pre[illegible] [illegible]ssary for verification.
[illegible] when no value is reported, see chlordane co[illegible] [illegible] of technical chlordane

Sample 1082 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11U	UG/KG	CHLOROMETHANE
11U	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
12	%	% MOISTURE

A-average value. NA-not analyzed [illegible] value. N-presumptive evidence of presence [illegible]
K-actual value is known [illegible] is known to be greater than value given. [illegible] but not detected. the number is the minimum quantitation
R-qc indicates that data [illegible] present. resampling and reanalysis is necessary [illegible]
C-confirmed by gcms: [illegible] constituents 2.constituents or metabolites [illegible]

Sample 1082 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
270J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

[illegible] not analyzed. NAI-interferences J-estimated [illegible] presence of material.
[illegible] to be less than value given. L-actual value [illegible] U-material was analyzed for but not [illegible] quantitation limit.
[illegible] unusable compound may or may not be [illegible] necessary for verification.
[illegible] when no value is reported, see chlordane [illegible] of technical chlordane

Sample 1083 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 10:15

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11U	UG/KG	CHLOROMETHANE
11U	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
12	%	% MOISTURE

A-average value. NA-not analyzed [illegible] value. N-presumptive evidence of presence [illegible]

K-actual value is known to be less than [illegible] is known to be greater than value given. [illegible] detected. the number is the [illegible]

R-qc indicates that data [illegible] present. resampling and reanalysis is [illegible]

C-confirmed by gcms: [illegible] constituents 2.constituents or metabolites [illegible]

Sample 1083 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 10:15

Ending:

RESULTS	UNITS	ANALYTE
300J	UG/KG	3 LABORATORY ARTIFACTS

DATA R ED AS IDENTIFIED BY CLP LAB - IDS NO PROFILE

NA-not analyzed. NAI-interfere ces. J-estim presence of material.
shown to be less than value given. L-actual given. U-material was analyz for but not minimum quantitation limit.
unusable. compound or may is necessary for verification.
when no value is report see chlor metabolites of technical chlordan

Sample 1084 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 14:00

Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11U	UG/KG	CHLOROMETHANE
11U	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
9	%	% MOISTURE

A-average value. NA-not analyzed [illegible] calculated value. N-presumptive evidence of presence [illegible]

K-actual value is known to be less than [illegible] value is known to be greater than value given [illegible] was [illegible] but not detected. the number is the minimum [illegible]

R-qc indicates that data [illegible] present. resampling and reanalysis is [illegible]

C-confirmed by gcms: [illegible] constituents 2.constituents [illegible] metabolite [illegible]

Sample 1084 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 14:00
Ending:

RESULTS	UNITS	ANALYTE
500J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS [illegible]

[illegible] NA-not analyzed. NAI-interferences. J-estim[illegible] evidence of presence of material.
[illegible] known to be less than value given. L-actual [illegible] than value given. U-material was analyzed for but [illegible] the minimum quantitation limit.
[illegible] not data unusable. compound may or may [illegible] and reanalysis is necessary for verification.
[illegible] ns: 1.when no value is reported, see [illegible] metabolites of technical chlordane

Sample 1085 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 15:00

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12U	UG/KG	CHLOROMETHANE
12U	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRA[illegible]ROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METH[illegible]YL KETONE
12U	UG/KG	DIBR[illegible]HLOROMETHANE
12U	UG/KG	1,2[illegible]OETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
14	%	% MOISTURE

A-average value. [illegible] estimated value. N-presumptive evidence of [illegible]

K-actual value is known [illegible] tual value is known to be greater than value [illegible] lyzed for but not detected. the number is the [illegible]

R-qc indicates that [illegible] not be present. resampling or reanalysis [illegible]

C-confirmed by go[illegible] chlordane constituents 2 consti[illegible]ents or more [illegible]

Sample 1085 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 15:00

Ending:

RESULTS	UNITS	ANALYTE
390J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB - IDS NOT VERIFIED

NA-not analyzed. NAI-interferences. J-estimated value. ... evidence of presence of material.
... known to be less than value given. L-actual ... value given. U-material was analyzed for but ... the minimum quantitation limit
... data unusable. compound may or may ... analysis is necessary for verification.
... ms: 1.when no value is reported, see ... or metabolites of technical chlordane.

Sample 1086 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 16:15

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12U	UG/KG	CHLOROMETHANE
12U	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
20	%	% MOISTURE

A-average value. NA-[illegible] J-estimated value. N-presumptive evidence of [illegible]

K-actual value is [illegible] actual value is known to be greater than value [illegible] analyzed for but not detected. The number [illegible]

R-[illegible] indicates [illegible] may not be present, resampling [illegible]

C-confirmed by [illegible] chlordane constituents 2,[illegible]

Sample 1086 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 16:15

Ending:

RESULTS	UNITS	ANALYTE
270J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB

value. NA-not analyzed. NAI-interferences. J- positive evidence of presence of material.
is known to be less than value given. U-material was a value given. U-material was a is the minimum quantitation limit.
that data unusable. compound may or may alysis is necessary for verificat
by gcms: 1.when no value is reported see metabolites of technical chlor

Sample 1087 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12U	UG/KG	CHLOROMETHANE
12U	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
18	%	% MOISTURE

A-average value [illegible] J-estimated value N-presumptive evidence [illegible]
R-actual value [illegible] actual value is known to be greater than [illegible] analyzed for but not detected. The number [illegible] limit.
[illegible] indicates [illegible] may not be present, [illegible] tion.
Confirmed by [illegible] see chlordane constituents 2 [illegible] chlordane

Sample 1087 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:00
Ending:

RESULTS	UNITS	ANALYTE
200J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LAB [illegible] VER[illegible]

[illegible] value. NA-not analyzed. NAI-interferences [illegible] presumptive evidence of presence of material.
[illegible] value is known to be less than value given. [illegible] greater than value given. U-material was [illegible] the number is the minimum quantitation limit
[illegible] les that data unusable. compound may [illegible] sampling and reanalysis is necessary for verification
[illegible] by gcms: 1.when no value is reported, [illegible] constituents or metabolites or technical chemicals

Sample 1088 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:30

Ending:

RESULTS	UNITS	ANALYTE
12UJ	UG/KG	DICHLORODIFLUOROMETHANE
12U	UG/KG	CHLOROMETHANE
12U	UG/KG	VINYL CHLORIDE
12U	UG/KG	BROMOMETHANE
12U	UG/KG	CHLOROETHANE
12U	UG/KG	TRICHLOROFLUOROMETHANE
12U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
12UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
12U	UG/KG	ACETONE
12U	UG/KG	CARBON DISULFIDE
12U	UG/KG	METHYL ACETATE
12U	UG/KG	METHYLENE CHLORIDE
12U	UG/KG	TRANS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
12U	UG/KG	1,1-DICHLOROETHANE
12U	UG/KG	CIS-1,2-DICHLOROETHENE
12U	UG/KG	METHYL ETHYL KETONE
12U	UG/KG	CHLOROFORM
12U	UG/KG	1,1,1-TRICHLOROETHANE
12U	UG/KG	CYCLOHEXANE
12U	UG/KG	CARBON TETRACHLORIDE
12U	UG/KG	BENZENE
12U	UG/KG	1,2-DICHLOROETHANE
12U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
12U	UG/KG	METHYLCYCLOHEXANE
12U	UG/KG	1,2-DICHLOROPROPANE
12U	UG/KG	BROMODICHLOROMETHANE
12U	UG/KG	CIS-1,3-DICHLOROPROPENE
12U	UG/KG	METHYL ISOBUTYL KETONE
12U	UG/KG	TOLUENE
12U	UG/KG	TRANS-1,3-DICHLOROPROPENE
12U	UG/KG	1,1,2-TRICHLOROETHANE
12U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
12U	UG/KG	METHYL BUTYL KETONE
12U	UG/KG	DIBROMOCHLOROMETHANE
12U	UG/KG	1,2-DIBROMOETHANE (EDB)

RESULTS	UNITS	ANALYTE
12U	UG/KG	CHLOROBENZENE
12U	UG/KG	ETHYL BENZENE
12U	UG/KG	TOTAL XYLENES
12UR	UG/KG	STYRENE
12U	UG/KG	BROMOFORM
12U	UG/KG	ISOPROPYLBENZENE
12U	UG/KG	1,1,2,2-TETRACHLOROETHANE
12U	UG/KG	1,3-DICHLOROBENZENE
12U	UG/KG	1,4-DICHLOROBENZENE
12U	UG/KG	1,2-DICHLOROBENZENE
12U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
12U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
20	%	% MOISTURE

A-average value [illegible] J-estimated value. N-presu[illegible] [illegible]d.
R-actual value [illegible] L-actual value is known to be [illegible] analyzed for but not detected: the numbe[illegible] limit
R-qc indicate[illegible] may not be present. [illegible]ication.
C-confirmed [illegible] see chlordane constituents [illegible] chlordane

Sample 1088 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:30

Ending:

RESULTS	UNITS	ANALYTE
150J	UG/KG	2 LABORATORY ARTIFACTS

A REPORTED AS IDENTIFIED BY CLP LAB

value. NA-not analyzed. NAI-interfe

value is known to be less than value given

greater than value given U-material was

ities that data unusable

sampling and reanalysis is necessary for verifi

ed by gcms: 1.when no

constituents or metabolites of technical

emptive evidence of presence of material

number is the minimum quantitation limit.

Sample 1089 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:30

Ending:

RESULTS	UNITS	ANALYTE
13UJ	UG/KG	DICHLORODIFLUOROMETHANE
13U	UG/KG	CHLOROMETHANE
13U	UG/KG	VINYL CHLORIDE
13U	UG/KG	BROMOMETHANE
13U	UG/KG	CHLOROETHANE
13U	UG/KG	TRICHLOROFLUOROMETHANE
13U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
13UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
13U	UG/KG	ACETONE
13U	UG/KG	CARBON DISULFIDE
13U	UG/KG	METHYL ACETATE
13U	UG/KG	METHYLENE CHLORIDE
13U	UG/KG	TRANS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
13U	UG/KG	1,1-DICHLOROETHANE
13U	UG/KG	CIS-1,2-DICHLOROETHENE
13U	UG/KG	METHYL ETHYL KETONE
13U	UG/KG	CHLOROFORM
13U	UG/KG	1,1,1-TRICHLOROETHANE
13U	UG/KG	CYCLOHEXANE
13U	UG/KG	CARBON TETRACHLORIDE
13U	UG/KG	BENZENE
13U	UG/KG	1,2-DICHLOROETHANE
13U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
13U	UG/KG	METHYLCYCLOHEXANE
13U	UG/KG	1,2-DICHLOROPROPANE
13U	UG/KG	BROMODICHLOROMETHANE
13U	UG/KG	CIS-1,3-DICHLOROPROPENE
13U	UG/KG	METHYL ISOBUTYL KETONE
13U	UG/KG	TOLUENE
13U	UG/KG	TRANS-1,3-DICHLOROPROPENE
13U	UG/KG	1,1,2-TRICHLOROETHANE
13U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
13U	UG/KG	METHYL BUTYL KETONE
13U	UG/KG	DIBROMOCHLOROMETHANE
13U	UG/KG	1,2-DIBROMOETHANE (EDB)
13U	UG/KG	CHLOROBENZENE
13U	UG/KG	ETHYL BENZENE
13U	UG/KG	TOTAL XYLENES
13UR	UG/KG	STYRENE
13U	UG/KG	BROMOFORM
13U	UG/KG	ISOPROPYLBENZENE
13U	UG/KG	1,1,2,2-TETRACHLOROETHANE
13U	UG/KG	1,3-DICHLOROBENZENE
13U	UG/KG	1,4-DICHLOROBENZENE
13U	UG/KG	1,2-DICHLOROBENZENE
13U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
13U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
25	%	% MOISTURE

A-average [illegible] NA-interferences. J-estimated value. N-presumptive [illegible] evidence of material.
K-actual va[illegible] the value given. L-actual value is known to be [illegible] was analyzed for but not detected, the num[illegible] sample limit
R-qc indica[illegible] may or may not be present [illegible] verification.
C-confirm[illegible] is reported, see chlordane constituents [illegible] total chlordane

Sample 1089 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:30

Ending:

RESULTS	UNITS	ANALYTE
180J	UG/KG	3 LABORATORY ARTIFACTS

DATA REPORTED AS IDENTIFIED BY CLP LA NOT VERIFIED

A-average value. NA-not analyzed. NAI-[illegible] presumptive evidence of presence of material
K-actual value is known to be less than value given [illegible] greater than value given. U-material wa[illegible] number is the minimum quantitation limit
R-[illegible] indicates that data unusable. [illegible] sampling and reanalysis is necessary for verifi[illegible]
C-confirmed by gcms: 1 where no value is [illegible] constituents or metabolites of technical [illegible]

Sample 1090 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:10
Ending:

RESULTS	UNITS	ANALYTE
11UJ	UG/KG	DICHLORODIFLUOROMETHANE
11U	UG/KG	CHLOROMETHANE
11U	UG/KG	VINYL CHLORIDE
11U	UG/KG	BROMOMETHANE
11U	UG/KG	CHLOROETHANE
11U	UG/KG	TRICHLOROFLUOROMETHANE
11U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
11UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
11U	UG/KG	ACETONE
11U	UG/KG	CARBON DISULFIDE
11U	UG/KG	METHYL ACETATE
11U	UG/KG	METHYLENE CHLORIDE
11U	UG/KG	TRANS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
11U	UG/KG	1,1-DICHLOROETHANE
11U	UG/KG	CIS-1,2-DICHLOROETHENE
11U	UG/KG	METHYL ETHYL KETONE
11U	UG/KG	CHLOROFORM
11U	UG/KG	1,1,1-TRICHLOROETHANE
11U	UG/KG	CYCLOHEXANE
11U	UG/KG	CARBON TETRACHLORIDE
11U	UG/KG	BENZENE
11U	UG/KG	1,2-DICHLOROETHANE
11U	UG/KG	TRICHLOROETHENE (TRICHLOROETHYLENE)
11U	UG/KG	METHYLCYCLOHEXANE
11U	UG/KG	1,2-DICHLOROPROPANE
11U	UG/KG	BROMODICHLOROMETHANE
11U	UG/KG	CIS-1,3-DICHLOROPROPENE
11U	UG/KG	METHYL ISOBUTYL KETONE
11U	UG/KG	TOLUENE
11U	UG/KG	TRANS-1,3-DICHLOROPROPENE
11U	UG/KG	1,1,2-TRICHLOROETHANE
11U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
11U	UG/KG	METHYL BUTYL KETONE
11U	UG/KG	DIBROMOCHLOROMETHANE
11U	UG/KG	1,2-DIBROMOETHANE (EDB)
11U	UG/KG	CHLOROBENZENE
11U	UG/KG	ETHYL BENZENE
11U	UG/KG	TOTAL XYLENES
11UR	UG/KG	STYRENE
11U	UG/KG	BROMOFORM
11U	UG/KG	ISOPROPYLBENZENE
11U	UG/KG	1,1,2,2-TETRACHLOROETHANE
11U	UG/KG	1,3-DICHLOROBENZENE
11U	UG/KG	1,4-DICHLOROBENZENE
11U	UG/KG	1,2-DICHLOROBENZENE
11U	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
11U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
7	%	% MOISTURE

A-average value. NA-not analyzed. NA-in[illegible] presumptive evidence of presence of material. [illegible] actual value is known to be less than [illegible] to be greater than value given. [illegible] the number is the minimum quantitation [illegible] indicates that data unusable. [illegible] sampling and reanalysis is ne[illegible] [illegible] constituents or metabolite[illegible] [illegible] programmed by gcms: 1,when no value [illegible]

Sample 1090 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:10

Ending:

RESULTS	UNITS	ANALYTE
160J	UG/KG	2 LABORATORY ARTIFACTS

DATA REPORTED A[illegible] NOT VERIFIED

A-average value. NA-no[illegible]ated value. N-presumptive evidence of pr[illegible]

K-actual value is known to be [illegible] value is known to be greater than value give[illegible] detected. the number is the [illegible]

R-qc indicates that data [illegible] not present. resampling and re analysis is [illegible]

C-confirmed by gcms: [illegible] constituents 2.consi[illegible]

Sample 1091 FY 2000 Project: 00-0101

VOLATILES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
24UJ	UG/KG	DICHLORODIFLUOROMETHANE
24UJ	UG/KG	CHLOROMETHANE
24UJ	UG/KG	VINYL CHLORIDE
24U	UG/KG	BROMOMETHANE
24U	UG/KG	CHLOROETHANE
24U	UG/KG	TRICHLOROFLUOROMETHANE
24U	UG/KG	1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)
24UJ	UG/KG	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)
270J	UG/KG	ACETONE
24UJ	UG/KG	CARBON DISULFIDE
24UJ	UG/KG	METHYL ACETATE
24U	UG/KG	METHYLENE CHLORIDE
24U	UG/KG	TRANS-1,2-DICHLOROETHENE
24U	UG/KG	METHYL T-BUTYL ETHER (MTBE)
24U	UG/KG	1,1-DICHLOROETHANE
24U	UG/KG	CIS-1,2-DICHLOROETHENE
24U	UG/KG	METHYL ETHYL KETONE
24U	UG/KG	CHLOROFORM
170J	UG/KG	1,1,1-TRICHLOROETHANE
24U	UG/KG	CYCLOHEXANE
24U	UG/KG	CARBON TETRACHLORIDE
24U	UG/KG	BENZENE
24U	UG/KG	1,2-DICHLOROETHANE
910J	UG/KG	TRICHLOROETHENE (TRICHLOROE[illegible]ENE)
180J	UG/KG	METHYLCYCLOHEXANE
24U	UG/KG	1,2-DICHLOROPROPANE
24U	UG/KG	BROMODICHLOROMETHANE
24U	UG/KG	CIS-1,3-DICHLOROPROPENE
24UJ	UG/KG	METHYL ISOBUTYL KETONE
24U	UG/KG	TOLUENE
24U	UG/KG	TRANS-1,3-DICHLOROPROPENE
24U	UG/KG	1,1,2-TRICHLOROETHANE
24U	UG/KG	TETRACHLOROETHENE (TETRACHLOROETHYLENE)
24UJ	UG/KG	METHYL BUTYL KETONE
24U	UG/KG	DIBROMOCHLOROMETHANE
24U	UG/KG	1,2-DIBROMOETHANE ([illegible])

RESULTS	UNITS	ANALYTE
24U	UG/KG	CHLOROBENZENE
6J	UG/KG	ETHYL BENZENE
24U	UG/KG	TOTAL XYLENES
24UR	UG/KG	STYRENE
24U	UG/KG	BROMOFORM
24U	UG/KG	ISOPROPYLBENZENE
24U	UG/KG	1,1,2,2-TETRACHLOROETHANE
24U	UG/KG	1,3-DICHLOROBENZENE
24U	UG/KG	1,4-DICHLOROBENZENE
24U	UG/KG	1,2-DICHLOROBENZENE
24UJ	UG/KG	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)
24U	UG/KG	1,2,4-TRICHLOROBENZENE
NA	UG/KG	1,2-DICHLOROETHENE (TOTAL)
16	%	% MOISTURE

[illegible] NA-not analyzed. NAI-interfere[illegible] [illegible] of presence of material.
[illegible] known to be less than value given. [illegible] given. U-material was [illegible] the minimum quantitation limit
[illegible] data unusable. compound [illegible] may [illegible] is necessary for verifica[illegible]
[illegible] when no value is [illegible] metabolites of technical chlor[illegible]

Sample 1091 FY 2000 Project: 00-0101

MISCELLANEOUS COMPOUNDS

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG12SBA / MD No: RS96
Media: SUBSURFACE SOIL (> 12") D No: RS96

Inorg Contractor: SENTIN
Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
22000J	UG/KG	14 UNKNOWN COMPOUNDS
1200J	UG/KG	2 UNKNOWN ALKENES
1500NJ	UG/KG	NAPHTHALENE, DECAHYDRO-, TRA
7000NJ	UG/KG	NAPHTHALENE, DECAHYDRO-2-MET

DATA REPORTED AS IDENTIF [illegible] IDS NOT VERIFIED

A-average value. NA-not analyzed. [illegible] estimated value. N-pres [illegible]
K-actual value is known to be less tl [illegible] tual value is known to be great [illegible] but not detected. The number is [illegible]
R-qc indicates that data unusable. [illegible] not be present. resampling [illegible]
C-confirmed by gcms: 1.when no v: [illegible] ntoxtane constituents 2 [illegible]

rec'd 1/3/00 HK

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 12/29/1999

Subject: Results of PESTICIDES/PCB Organic Chemistry Section Sample Analysis
00-0101 CTS of Asheville Inc
Skyland, NC

From: Goddard, Denise

To: Rigger, Don

CC: Heather Kennedy
START

Thru: QA Office

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

Sample 10[illegible] FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SS / MD No: RS63 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS63 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 08:25
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
0.43J	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
76U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10t FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SBA / MD No: RS64 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS64 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 09:45
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
76U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG01SBB / MD No: RS65 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS65 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 10:50
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
1.9U	UG/KG	DIELDRIN
3.6U	UG/KG	4,4'-DDE (P,P'-DDE)
3.6U	UG/KG	ENDRIN
3.6U	UG/KG	ENDOSULFAN II (BETA)
3.6U	UG/KG	4,4'-DDD (P,P'-DDD)
3.6U	UG/KG	ENDOSULFAN SULFATE
3.6U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.6U	UG/KG	ENDRIN KETONE
3.6UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
36U	UG/KG	PCB-1016 (AROCLOR 1016)
74U	UG/KG	PCB-1221 (AROCLOR 1221)
36U	UG/KG	PCB-1232 (AROCLOR 1232)
36U	UG/KG	PCB-1242 (AROCLOR 1242)
36U	UG/KG	PCB-1248 (AROCLOR 1248)
36U	UG/KG	PCB-1254 (AROCLOR 1254)
36U	UG/KG	PCB-1260 (AROCLOR 1260)
9.0	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 10L FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SS / MD No: RS66 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS66 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:25

Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.7U	UG/KG	DIELDRIN
3.7U	UG/KG	4,4'-DDE (P,P'-DDE)
3.7U	UG/KG	ENDRIN
3.7U	UG/KG	ENDOSULFAN II (BETA)
3.7U	UG/KG	4,4'-DDD (P,P'-DDD)
3.7U	UG/KG	ENDOSULFAN SULFATE
3.7U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.7U	UG/KG	ENDRIN KETONE
3.7UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
37U	UG/KG	PCB-1016 (AROCLOR 1016)
75U	UG/KG	PCB-1221 (AROCLOR 1221)
37U	UG/KG	PCB-1232 (AROCLOR 1232)
37U	UG/KG	PCB-1242 (AROCLOR 1242)
37U	UG/KG	PCB-1248 (AROCLOR 1248)
37U	UG/KG	PCB-1254 (AROCLOR 1254)
37U	UG/KG	PCB-1260 (AROCLOR 1260)
11	%	% MOISTURE

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.
C-confirmed by gcms. 1 when no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108[illegible] FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SBA / MD No: RS67 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS67 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 11:25
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
1.3J	UG/KG	DIELDRIN
3.6U	UG/KG	4,4'-DDE (P,P'-DDE)
0.62JN	UG/KG	ENDRIN
3.6U	UG/KG	ENDOSULFAN II (BETA)
1.6JN	UG/KG	4,4'-DDD (P,P'-DDD)
3.6U	UG/KG	ENDOSULFAN SULFATE
1.8JN	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.6U	UG/KG	ENDRIN KETONE
3.6UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
36U	UG/KG	PCB-1016 (AROCLOR 1016)
74U	UG/KG	PCB-1221 (AROCLOR 1221)
36U	UG/KG	PCB-1232 (AROCLOR 1232)
36U	UG/KG	PCB-1242 (AROCLOR 1242)
36U	UG/KG	PCB-1248 (AROCLOR 1248)
36U	UG/KG	PCB-1254 (AROCLOR 1254)
36U	UG/KG	PCB-1260 (AROCLOR 1260)
9.0	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 106_ FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG01SD / MD No: RS68 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS68 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:00

Ending:

RESULTS	UNITS	ANALYTE
2.6UJ	UG/KG	ALPHA-BHC
2.6U	UG/KG	BETA-BHC
2.6UJ	UG/KG	DELTA-BHC
7.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.6U	UG/KG	HEPTACHLOR
2.6U	UG/KG	ALDRIN
2.6U	UG/KG	HEPTACHLOR EPOXIDE
16NJ	UG/KG	ENDOSULFAN I (ALPHA)
5.0U	UG/KG	DIELDRIN
5.0U	UG/KG	4,4'-DDE (P,P'-DDE)
15U	UG/KG	ENDRIN
5.0U	UG/KG	ENDOSULFAN II (BETA)
17J	UG/KG	4,4'-DDD (P,P'-DDD)
5.0U	UG/KG	ENDOSULFAN SULFATE
38U	UG/KG	4,4'-DDT (P,P'-DDT)
26U	UG/KG	METHOXYCHLOR
5.0U	UG/KG	ENDRIN KETONE
5.0UR	UG/KG	ENDRIN ALDEHYDE
7.6U	UG/KG	ALPHA-CHLORDANE /2
2.6U	UG/KG	GAMMA-CHLORDANE /2
260U	UG/KG	TOXAPHENE
50U	UG/KG	PCB-1016 (AROCLOR 1016)
100U	UG/KG	PCB-1221 (AROCLOR 1221)
50U	UG/KG	PCB-1232 (AROCLOR 1232)
50U	UG/KG	PCB-1242 (AROCLOR 1242)
50U	UG/KG	PCB-1248 (AROCLOR 1248)
50U	UG/KG	PCB-1254 (AROCLOR 1254)
50U	UG/KG	PCB-1260 (AROCLOR 1260)
34	%	% MOISTURE

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-or indicates that data unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 106 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG02SD / MD No: RS69 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS69 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 09:15

Ending:

RESULTS	UNITS	ANALYTE
5.4UJ	UG/KG	ALPHA-BHC
5.5U	UG/KG	BETA-BHC
2.5UJ	UG/KG	DELTA-BHC
2.5UJ	UG/KG	GAMMA-BHC (LINDANE)
2.5U	UG/KG	HEPTACHLOR
2.5U	UG/KG	ALDRIN
2.5U	UG/KG	HEPTACHLOR EPOXIDE
2.5U	UG/KG	ENDOSULFAN I (ALPHA)
4.8U	UG/KG	DIELDRIN
4.8U	UG/KG	4,4'-DDE (P,P'-DDE)
5.8NJ	UG/KG	ENDRIN
4.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
7.4J	UG/KG	ENDOSULFAN SULFATE
4.8U	UG/KG	4,4'-DDT (P,P'-DDT)
25U	UG/KG	METHOXYCHLOR
4.8U	UG/KG	ENDRIN KETONE
4.8UR	UG/KG	ENDRIN ALDEHYDE
2.6U	UG/KG	ALPHA-CHLORDANE /2
2.5U	UG/KG	GAMMA-CHLORDANE /2
250U	UG/KG	TOXAPHENE
48U	UG/KG	PCB-1016 (AROCLOR 1016)
98U	UG/KG	PCB-1221 (AROCLOR 1221)
48U	UG/KG	PCB-1232 (AROCLOR 1232)
48U	UG/KG	PCB-1242 (AROCLOR 1242)
48U	UG/KG	PCB-1248 (AROCLOR 1248)
120NJ	UG/KG	PCB-1254 (AROCLOR 1254)
48U	UG/KG	PCB-1260 (AROCLOR 1260)
32	%	% MOISTURE

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.

C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS EPA - REGION IV SESD, ATHENS, GA Production Date: 12/29/1999 14:14

Sample 1067 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SD / MD No: RS70 Inorg Contractor: SENTIN

Media: SEDIMENT D No: RS70 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 10:45

Ending:

RESULTS	UNITS	ANALYTE
2.4UJ	UG/KG	ALPHA-BHC
2.4U	UG/KG	BETA-BHC
2.4UJ	UG/KG	DELTA-BHC
2.4UJ	UG/KG	GAMMA-BHC (LINDANE)
2.4U	UG/KG	HEPTACHLOR
2.4U	UG/KG	ALDRIN
2.4U	UG/KG	HEPTACHLOR EPOXIDE
1.0J	UG/KG	ENDOSULFAN I (ALPHA)
4.6U	UG/KG	DIELDRIN
4.6U	UG/KG	4,4'-DDE (P,P'-DDE)
4.6U	UG/KG	ENDRIN
4.6U	UG/KG	ENDOSULFAN II (BETA)
4.6U	UG/KG	4,4'-DDD (P,P'-DDD)
4.6U	UG/KG	ENDOSULFAN SULFATE
4.6U	UG/KG	4,4'-DDT (P,P'-DDT)
24U	UG/KG	METHOXYCHLOR
4.6U	UG/KG	ENDRIN KETONE
4.6UR	UG/KG	ENDRIN ALDEHYDE
2.4U	UG/KG	ALPHA-CHLORDANE /2
2.4U	UG/KG	GAMMA-CHLORDANE /2
240U	UG/KG	TOXAPHENE
46U	UG/KG	PCB-1016 (AROCLOR 1016)
94U	UG/KG	PCB-1221 (AROCLOR 1221)
46U	UG/KG	PCB-1232 (AROCLOR 1232)
46U	UG/KG	PCB-1242 (AROCLOR 1242)
46U	UG/KG	PCB-1248 (AROCLOR 1248)
46U	UG/KG	PCB-1254 (AROCLOR 1254)
82	UG/KG	PCB-1260 (AROCLOR 1260)
29	%	% MOISTURE

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-rejected indicates that data unusable. compound may or may not be present resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 106b FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SS / MD No: RS71 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS71 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:45

Ending:

RESULTS	UNITS	ANALYTE
2.2UJ	UG/KG	ALPHA-BHC
2.2U	UG/KG	BETA-BHC
2.2UJ	UG/KG	DELTA-BHC
2.2UJ	UG/KG	GAMMA-BHC (LINDANE)
2.2U	UG/KG	HEPTACHLOR
2.2U	UG/KG	ALDRIN
2.2U	UG/KG	HEPTACHLOR EPOXIDE
2.2U	UG/KG	ENDOSULFAN I (ALPHA)
4.2U	UG/KG	DIELDRIN
4.2U	UG/KG	4,4'-DDE (P,P'-DDE)
4.2U	UG/KG	ENDRIN
4.2U	UG/KG	ENDOSULFAN II (BETA)
4.2U	UG/KG	4,4'-DDD (P,P'-DDD)
4.2U	UG/KG	ENDOSULFAN SULFATE
4.2U	UG/KG	4,4'-DDT (P,P'-DDT)
22U	UG/KG	METHOXYCHLOR
4.2U	UG/KG	ENDRIN KETONE
4.2UR	UG/KG	ENDRIN ALDEHYDE
2.2U	UG/KG	ALPHA-CHLORDANE /2
2.2U	UG/KG	GAMMA-CHLORDANE /2
220U	UG/KG	TOXAPHENE
42U	UG/KG	PCB-1016 (AROCLOR 1016)
86U	UG/KG	PCB-1221 (AROCLOR 1221)
42U	UG/KG	PCB-1232 (AROCLOR 1232)
42U	UG/KG	PCB-1242 (AROCLOR 1242)
42U	UG/KG	PCB-1248 (AROCLOR 1248)
42U	UG/KG	PCB-1254 (AROCLOR 1254)
150NJ	UG/KG	PCB-1260 (AROCLOR 1260)
22	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 106_ FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG03SBA / MD No: RS72 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS72 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:15
Ending:

RESULTS	UNITS	ANALYTE
6.9UJ	UG/KG	ALPHA-BHC
16U	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
5.8UJ	UG/KG	GAMMA-BHC (LINDANE)
7.8	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
11U	UG/KG	ENDOSULFAN I (ALPHA)
19	UG/KG	DIELDRIN
4.1U	UG/KG	4,4'-DDE (P,P'-DDE)
4.1U	UG/KG	ENDRIN
4.1U	UG/KG	ENDOSULFAN II (BETA)
4.1U	UG/KG	4,4'-DDD (P,P'-DDD)
12N	UG/KG	ENDOSULFAN SULFATE
4.1U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.1U	UG/KG	ENDRIN KETONE
18J	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
31N	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
41U	UG/KG	PCB-1016 (AROCLOR 1016)
84U	UG/KG	PCB-1221 (AROCLOR 1221)
41U	UG/KG	PCB-1232 (AROCLOR 1232)
41U	UG/KG	PCB-1242 (AROCLOR 1242)
41U	UG/KG	PCB-1248 (AROCLOR 1248)
41U	UG/KG	PCB-1254 (AROCLOR 1254)
41U	UG/KG	PCB-1260 (AROCLOR 1260)
20	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
B-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.
/2-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2 constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 107u FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG03SBB / MD No: RS73 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS73 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:15
Ending:

RESULTS	UNITS	ANALYTE
4.3UJ	UG/KG	ALPHA-BHC
10U	UG/KG	BETA-BHC
2.6UJ	UG/KG	DELTA-BHC
3.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.6U	UG/KG	HEPTACHLOR
2.6U	UG/KG	ALDRIN
20N	UG/KG	HEPTACHLOR EPOXIDE
2.6U	UG/KG	ENDOSULFAN I (ALPHA)
32N	UG/KG	DIELDRIN
5.1U	UG/KG	4,4'-DDE (P,P'-DDE)
5.1U	UG/KG	ENDRIN
5.1U	UG/KG	ENDOSULFAN II (BETA)
18U	UG/KG	4,4'-DDD (P,P'-DDD)
18N	UG/KG	ENDOSULFAN SULFATE
34N	UG/KG	4,4'-DDT (P,P'-DDT)
26U	UG/KG	METHOXYCHLOR
5.1U	UG/KG	ENDRIN KETONE
9.4UR	UG/KG	ENDRIN ALDEHYDE
2.6U	UG/KG	ALPHA-CHLORDANE /2
35U	UG/KG	GAMMA-CHLORDANE /2
260U	UG/KG	TOXAPHENE
51U	UG/KG	PCB-1016 (AROCLOR 1016)
100U	UG/KG	PCB-1221 (AROCLOR 1221)
51U	UG/KG	PCB-1232 (AROCLOR 1232)
51U	UG/KG	PCB-1242 (AROCLOR 1242)
51U	UG/KG	PCB-1248 (AROCLOR 1248)
51U	UG/KG	PCB-1254 (AROCLOR 1254)
51U	UG/KG	PCB-1260 (AROCLOR 1260)
35	%	% MOISTURE

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.
C-confirmed by gcms: 1 when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 107 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SS / MD No: RS74 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS74 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:10
Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
2.0U	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
4.0U	UG/KG	DIELDRIN
1.8J	UG/KG	4,4'-DDE (P,P'-DDE)
4.0U	UG/KG	ENDRIN
4.0U	UG/KG	ENDOSULFAN II (BETA)
4.0U	UG/KG	4,4'-DDD (P,P'-DDD)
4.0U	UG/KG	ENDOSULFAN SULFATE
4.0U	UG/KG	4,4'-DDT (P,P'-DDT)
8.6J	UG/KG	METHOXYCHLOR
4.0U	UG/KG	ENDRIN KETONE
4.0UR	UG/KG	ENDRIN ALDEHYDE
2.0U	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
40U	UG/KG	PCB-1016 (AROCLOR 1016)
81U	UG/KG	PCB-1221 (AROCLOR 1221)
40U	UG/KG	PCB-1232 (AROCLOR 1232)
40U	UG/KG	PCB-1242 (AROCLOR 1242)
40U	UG/KG	PCB-1248 (AROCLOR 1248)
40U	UG/KG	PCB-1254 (AROCLOR 1254)
240	UG/KG	PCB-1260 (AROCLOR 1260)
17	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 1072 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG05SBA / MD No: RS75 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS75 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 13:45
Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
0.20JN	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
0.68JN	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
0.88J	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
2.0U	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
78U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
14	%	% MOISTURE

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.
C-confirmed by gcms. If zero no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS. **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 107. FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG04SS / MD No: RS76 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS76 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:02
Ending:

RESULTS	UNITS	ANALYTE
1.2JN	UG/KG	ALPHA-BHC
2.2U	UG/KG	BETA-BHC
2.2UJ	UG/KG	DELTA-BHC
2.2UJ	UG/KG	GAMMA-BHC (LINDANE)
2.2U	UG/KG	HEPTACHLOR
2.2U	UG/KG	ALDRIN
2.2U	UG/KG	HEPTACHLOR EPOXIDE
2.2U	UG/KG	ENDOSULFAN I (ALPHA)
4.2U	UG/KG	DIELDRIN
4.2U	UG/KG	4,4'-DDE (P,P'-DDE)
4.2U	UG/KG	ENDRIN
4.2U	UG/KG	ENDOSULFAN II (BETA)
4.2U	UG/KG	4,4'-DDD (P,P'-DDD)
4.2U	UG/KG	ENDOSULFAN SULFATE
4.2U	UG/KG	4,4'-DDT (P,P'-DDT)
22U	UG/KG	METHOXYCHLOR
4.2U	UG/KG	ENDRIN KETONE
4.2UR	UG/KG	ENDRIN ALDEHYDE
2.2U	UG/KG	ALPHA-CHLORDANE /2
0.46JN	UG/KG	GAMMA-CHLORDANE /2
220U	UG/KG	TOXAPHENE
42U	UG/KG	PCB-1016 (AROCLOR 1016)
86U	UG/KG	PCB-1221 (AROCLOR 1221)
42U	UG/KG	PCB-1232 (AROCLOR 1232)
42U	UG/KG	PCB-1242 (AROCLOR 1242)
42U	UG/KG	PCB-1248 (AROCLOR 1248)
42U	UG/KG	PCB-1254 (AROCLOR 1254)
42U	UG/KG	PCB-1260 (AROCLOR 1260)
22	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 1074 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG04SBA / MD No: RS77 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS77 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 14:10
Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
2.0U	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
2.0U	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
78U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
14	%	% MOISTURE

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.
C-confirmed by gcms. 1 when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 107 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SS / MD No: RS78 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS78 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:30

Ending:

RESULTS	UNITS	ANALYTE
2.1UJ	UG/KG	ALPHA-BHC
2.1U	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
2.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
2.1U	UG/KG	ENDOSULFAN I (ALPHA)
1.6JN	UG/KG	DIELDRIN
0.51JN	UG/KG	4,4'-DDE (P,P'-DDE)
4.1U	UG/KG	ENDRIN
4.1U	UG/KG	ENDOSULFAN II (BETA)
4.1U	UG/KG	4,4'-DDD (P,P'-DDD)
4.1U	UG/KG	ENDOSULFAN SULFATE
4.1U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.1U	UG/KG	ENDRIN KETONE
4.1UR	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
2.1U	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
41U	UG/KG	PCB-1016 (AROCLOR 1016)
84U	UG/KG	PCB-1221 (AROCLOR 1221)
41U	UG/KG	PCB-1232 (AROCLOR 1232)
41U	UG/KG	PCB-1242 (AROCLOR 1242)
41U	UG/KG	PCB-1248 (AROCLOR 1248)
41U	UG/KG	PCB-1254 (AROCLOR 1254)
97	UG/KG	PCB-1260 (AROCLOR 1260)
20	%	% MOISTURE

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
C-confirmed by gcms: 1.when no value is reported, see [illegible] constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 1076 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG06SBA / MD No: RS79 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS79 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 14:50

Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
2.0U	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
2.0U	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
78U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
14	%	% MOISTURE

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.
C-confirmed by gc/ms. 1 when no value is reported, see chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 107, FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBA / MD No: RS80 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS80 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 15:45
Ending:

RESULTS	UNITS	ANALYTE
0.29JN	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.7U	UG/KG	DIELDRIN
3.7U	UG/KG	4,4'-DDE (P,P'-DDE)
3.7U	UG/KG	ENDRIN
3.7U	UG/KG	ENDOSULFAN II (BETA)
3.7U	UG/KG	4,4'-DDD (P,P'-DDD)
3.7U	UG/KG	ENDOSULFAN SULFATE
3.7U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.7U	UG/KG	ENDRIN KETONE
3.7UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
37U	UG/KG	PCB-1016 (AROCLOR 1016)
74U	UG/KG	PCB-1221 (AROCLOR 1221)
37U	UG/KG	PCB-1232 (AROCLOR 1232)
37U	UG/KG	PCB-1242 (AROCLOR 1242)
37U	UG/KG	PCB-1248 (AROCLOR 1248)
37U	UG/KG	PCB-1254 (AROCLOR 1254)
37U	UG/KG	PCB-1260 (AROCLOR 1260)
10	%	% MOISTURE

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.
C-confirmed by gc/ms. 1 when no value is reported, see chlordane constituents. 2-constituents or metabolites of technical chlordane

Sample 1076 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG07SBB / MD No: RS81 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS81 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
0.91JN	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
76U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
12	%	% MOISTURE

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.
C-confirmed by gcms: 1.when no value is reported, see chlordane constituents 2. constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 107- FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG08SS / MD No: RS84 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS84 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:00
Ending:

RESULTS	UNITS	ANALYTE
2.1UJ	UG/KG	ALPHA-BHC
1.2JN	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
2.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
2.1U	UG/KG	ENDOSULFAN I (ALPHA)
2.6J	UG/KG	DIELDRIN
4.0U	UG/KG	4,4'-DDE (P,P'-DDE)
3.7J	UG/KG	ENDRIN
4.0U	UG/KG	ENDOSULFAN II (BETA)
4.0U	UG/KG	4,4'-DDD (P,P'-DDD)
14	UG/KG	ENDOSULFAN SULFATE
4.5U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.0U	UG/KG	ENDRIN KETONE
4.0UR	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
2.1U	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
40U	UG/KG	PCB-1016 (AROCLOR 1016)
82U	UG/KG	PCB-1221 (AROCLOR 1221)
40U	UG/KG	PCB-1232 (AROCLOR 1232)
40U	UG/KG	PCB-1242 (AROCLOR 1242)
40U	UG/KG	PCB-1248 (AROCLOR 1248)
40U	UG/KG	PCB-1254 (AROCLOR 1254)
40U	UG/KG	PCB-1260 (AROCLOR 1260)
18	%	% MOISTURE

A-average value NA-not analyzed [illegible] interferences. J-estimated value. N-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. [illegible] material was analyzed for but not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable [illegible] and may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by g[illegible] when no [illegible] reported. see chlordane constituents 2.constituents or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108[illegible] FY 2000 Project: 00-0101

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 16:20
Ending:

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG08SBA / MD No: RS85 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS85 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
2.0U	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
0.48JN	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
2.0U	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
78U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
14	%	% MOISTURE

A [illegible]age value NA-not analyzed. NAI-interferences. J-estimated value N-presumptive evidence of presence of material.
[illegible] 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.
[illegible] indicates that data unusable. compound may or may not be present in sample; and reanalysis is necessary for verification.
[illegible] defined by gems: 1.when no value is reported, see chlordane [illegible] 2 constituents or metabolites of technical chlordane

Sample 108. FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG09SBA / MD No: RS86 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS86 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/09/1999 17:15
Ending:

RESULTS	UNITS	ANALYTE
2.2UJ	UG/KG	ALPHA-BHC
2.2U	UG/KG	BETA-BHC
2.2UJ	UG/KG	DELTA-BHC
2.2UJ	UG/KG	GAMMA-BHC (LINDANE)
2.2U	UG/KG	HEPTACHLOR
2.2U	UG/KG	ALDRIN
2.2U	UG/KG	HEPTACHLOR EPOXIDE
2.2U	UG/KG	ENDOSULFAN I (ALPHA)
4.2U	UG/KG	DIELDRIN
4.2U	UG/KG	4,4'-DDE (P,P'-DDE)
4.2U	UG/KG	ENDRIN
4.2U	UG/KG	ENDOSULFAN II (BETA)
4.2U	UG/KG	4,4'-DDD (P,P'-DDD)
4.2U	UG/KG	ENDOSULFAN SULFATE
4.2U	UG/KG	4,4'-DDT (P,P'-DDT)
22U	UG/KG	METHOXYCHLOR
4.2U	UG/KG	ENDRIN KETONE
4.2UR	UG/KG	ENDRIN ALDEHYDE
2.2U	UG/KG	ALPHA-CHLORDANE /2
2.2U	UG/KG	GAMMA-CHLORDANE /2
220U	UG/KG	TOXAPHENE
42U	UG/KG	PCB-1016 (AROCLOR 1016)
86U	UG/KG	PCB-1221 (AROCLOR 1221)
42U	UG/KG	PCB-1232 (AROCLOR 1232)
42U	UG/KG	PCB-1242 (AROCLOR 1242)
42U	UG/KG	PCB-1248 (AROCLOR 1248)
42U	UG/KG	PCB-1254 (AROCLOR 1254)
42U	UG/KG	PCB-1260 (AROCLOR 1260)
22	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interferences. J-estimated value. N-presumptive evidence of presence of material.
K-actual value is known to be less than value given. L-actual value is known to be greater than value given. U-material was analyzed for but not detected. the number is the minimum detection limit.
R-qc indicates that [illegible] compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by GC/MS. 1-when [illegible] is reported, see chlordane constituents 2.constituents of the [illegible] of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 1082 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SBC / MD No: RS87 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS87 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 08:45
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
76U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
12	%	% MOISTURE

A average value. NA-not analyzed. NAI-interferences. 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 or indicates that data unusable. compound may or may not be present resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reported, see toxaphene constituents 2.constituents or metabolites of technical chlordane

Sample 108J FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG07SS / MD No: RS88 Inorg Contractor: SENTIN
Media: SURFACE SOIL (0" - 12") D No: RS88 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 10:15
Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
0.41JN	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
76U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
42	UG/KG	PCB-1260 (AROCLOR 1260)
12	%	% MOISTURE

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 necessary for verification.
C-confirmed by GC/MS 1.when no value is reported, see chlordane constituents 2.constituents of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108- FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBA / MD No: RS89 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS89 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 14:00

Ending:

RESULTS	UNITS	ANALYTE
1.9UJ	UG/KG	ALPHA-BHC
1.9U	UG/KG	BETA-BHC
1.9UJ	UG/KG	DELTA-BHC
1.9UJ	UG/KG	GAMMA-BHC (LINDANE)
1.9U	UG/KG	HEPTACHLOR
1.9U	UG/KG	ALDRIN
1.9U	UG/KG	HEPTACHLOR EPOXIDE
1.9U	UG/KG	ENDOSULFAN I (ALPHA)
3.6U	UG/KG	DIELDRIN
3.6U	UG/KG	4,4'-DDE (P,P'-DDE)
3.6U	UG/KG	ENDRIN
3.6U	UG/KG	ENDOSULFAN II (BETA)
3.6U	UG/KG	4,4'-DDD (P,P'-DDD)
3.6U	UG/KG	ENDOSULFAN SULFATE
3.6U	UG/KG	4,4'-DDT (P,P'-DDT)
19U	UG/KG	METHOXYCHLOR
3.6U	UG/KG	ENDRIN KETONE
3.6UR	UG/KG	ENDRIN ALDEHYDE
1.9U	UG/KG	ALPHA-CHLORDANE /2
1.9U	UG/KG	GAMMA-CHLORDANE /2
190U	UG/KG	TOXAPHENE
36U	UG/KG	PCB-1016 (AROCLOR 1016)
74U	UG/KG	PCB-1221 (AROCLOR 1221)
36U	UG/KG	PCB-1232 (AROCLOR 1232)
36U	UG/KG	PCB-1242 (AROCLOR 1242)
36U	UG/KG	PCB-1248 (AROCLOR 1248)
36U	UG/KG	PCB-1254 (AROCLOR 1254)
36U	UG/KG	PCB-1260 (AROCLOR 1260)
9.0	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interference. [illegible]-estimated value. N-presumptive evidence of presence of material

K-actual value is known to be less than value given. [illegible] value is known to be greater than value given. U-material was [illegible] for [illegible] detected. the number is the minimum quantitation limit.

R-qc indicates that data unusable. compound may [illegible] not be present. [illegible] resampling and reanalysis is necessary for [illegible]

C-confirmed by gcms: 1.when no value is reported [illegible] ents 2.constituents or metabolites of technic[illegible]

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108[illegible] FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG10SBB / MD No: RS90 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS90 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 15:00
Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
2.0UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
2.0U	UG/KG	HEPTACHLOR EPOXIDE
2.0U	UG/KG	ENDOSULFAN I (ALPHA)
3.8U	UG/KG	DIELDRIN
3.8U	UG/KG	4,4'-DDE (P,P'-DDE)
3.8U	UG/KG	ENDRIN
3.8U	UG/KG	ENDOSULFAN II (BETA)
3.8U	UG/KG	4,4'-DDD (P,P'-DDD)
3.8U	UG/KG	ENDOSULFAN SULFATE
3.8U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
3.8U	UG/KG	ENDRIN KETONE
3.8UR	UG/KG	ENDRIN ALDEHYDE
0.35JN	UG/KG	ALPHA-CHLORDANE /2
2.0U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
38U	UG/KG	PCB-1016 (AROCLOR 1016)
78U	UG/KG	PCB-1221 (AROCLOR 1221)
38U	UG/KG	PCB-1232 (AROCLOR 1232)
38U	UG/KG	PCB-1242 (AROCLOR 1242)
38U	UG/KG	PCB-1248 (AROCLOR 1248)
38U	UG/KG	PCB-1254 (AROCLOR 1254)
38U	UG/KG	PCB-1260 (AROCLOR 1260)
14	%	% MOISTURE

A-average [illegible] NAI-interferences. J-estimated value. N-presumptive [illegible] presence of material.
K-actual value [illegible] than value given. L-actual value is known to be [illegible] given. U-material was analyzed for but not detected. the number [illegible] the minimum quantitation limit.
R-qc indicates [illegible] compound may or may not be present. resampling and [illegible] is necessary for verification.
C-confirmed [illegible] value is reported, see chlordane constituents -2 [illegible] metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108b FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBA / MD No: RS91 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS91 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 16:15
Ending:

RESULTS	UNITS	ANALYTE
2.1UJ	UG/KG	ALPHA-BHC
2.1U	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
2.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
2.1U	UG/KG	ENDOSULFAN I (ALPHA)
4.1U	UG/KG	DIELDRIN
4.1U	UG/KG	4,4'-DDE (P,P'-DDE)
4.1U	UG/KG	ENDRIN
4.1U	UG/KG	ENDOSULFAN II (BETA)
4.1U	UG/KG	4,4'-DDD (P,P'-DDD)
4.1U	UG/KG	ENDOSULFAN SULFATE
4.1U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.1U	UG/KG	ENDRIN KETONE
4.1UR	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
2.1U	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
41U	UG/KG	PCB-1016 (AROCLOR 1016)
84U	UG/KG	PCB-1221 (AROCLOR 1221)
41U	UG/KG	PCB-1232 (AROCLOR 1232)
41U	UG/KG	PCB-1242 (AROCLOR 1242)
41U	UG/KG	PCB-1248 (AROCLOR 1248)
41U	UG/KG	PCB-1254 (AROCLOR 1254)
41U	UG/KG	PCB-1260 (AROCLOR 1260)
20	%	% MOISTURE

A-average value. NA-not analyzed. NAI-interfere[illegible] J-estimated value. N-presumptive evidence of presence of matri[illegible]
K-actual value is known to be less than value give[illegible] actual value is known to be greater than value given. U-material was analyzed [illegible] not detected. the number is the minimum quantitation limit.
R-qc indicates that data unusable. compound may [illegible] not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms: 1.when no value is reporte[illegible] chlordane constituents 2.constituents or metabolites of technical chlordane

Sample 108, FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG11SBB / MD No: RS92 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS92 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/10/1999 17:00

Ending:

RESULTS	UNITS	ANALYTE
2.1UJ	UG/KG	ALPHA-BHC
2.1U	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
2.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
2.1U	UG/KG	ENDOSULFAN I (ALPHA)
4.0U	UG/KG	DIELDRIN
4.0U	UG/KG	4,4'-DDE (P,P'-DDE)
4.0U	UG/KG	ENDRIN
4.0U	UG/KG	ENDOSULFAN II (BETA)
4.0U	UG/KG	4,4'-DDD (P,P'-DDD)
4.0U	UG/KG	ENDOSULFAN SULFATE
4.0U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.0U	UG/KG	ENDRIN KETONE
4.0UR	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
2.1U	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
40U	UG/KG	PCB-1016 (AROCLOR 1016)
82U	UG/KG	PCB-1221 (AROCLOR 1221)
40U	UG/KG	PCB-1232 (AROCLOR 1232)
40U	UG/KG	PCB-1242 (AROCLOR 1242)
40U	UG/KG	PCB-1248 (AROCLOR 1248)
40U	UG/KG	PCB-1254 (AROCLOR 1254)
6.6J	UG/KG	PCB-1260 (AROCLOR 1260)
18	%	% MOISTURE

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 are unusable. compound may or may not be present. resampling and reanalysis is necessary for verification.
C-confirmed by gcms. if value is reported, see chlordane constituents. constituents are qualities of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 108o FY 2000 Project: 00-0101

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/10/1999 17:30
Ending:

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC
Program: NSF Case No: 27562
Id/Station: MG11SBC / MD No: RS93 Inorg Contractor: SENTIN
Media: SUBSURFACE SOIL (> 12") D No: RS93 Org Contractor: LIBRTY

RESULTS	UNITS	ANALYTE
2.1UJ	UG/KG	ALPHA-BHC
2.1U	UG/KG	BETA-BHC
2.1UJ	UG/KG	DELTA-BHC
2.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	HEPTACHLOR
2.1U	UG/KG	ALDRIN
2.1U	UG/KG	HEPTACHLOR EPOXIDE
2.1U	UG/KG	ENDOSULFAN I (ALPHA)
4.1U	UG/KG	DIELDRIN
4.1U	UG/KG	4,4'-DDE (P,P'-DDE)
4.1U	UG/KG	ENDRIN
4.1U	UG/KG	ENDOSULFAN II (BETA)
4.1U	UG/KG	4,4'-DDD (P,P'-DDD)
4.1U	UG/KG	ENDOSULFAN SULFATE
4.1U	UG/KG	4,4'-DDT (P,P'-DDT)
21U	UG/KG	METHOXYCHLOR
4.1U	UG/KG	ENDRIN KETONE
4.1UR	UG/KG	ENDRIN ALDEHYDE
2.1U	UG/KG	ALPHA-CHLORDANE /2
2.1U	UG/KG	GAMMA-CHLORDANE /2
210U	UG/KG	TOXAPHENE
41U	UG/KG	PCB-1016 (AROCLOR 1016)
84U	UG/KG	PCB-1221 (AROCLOR 1221)
41U	UG/KG	PCB-1232 (AROCLOR 1232)
41U	UG/KG	PCB-1242 (AROCLOR 1242)
41U	UG/KG	PCB-1248 (AROCLOR 1248)
41U	UG/KG	PCB-1254 (AROCLOR 1254)
41U	UG/KG	PCB-1260 (AROCLOR 1260)
20	%	% MOISTURE

A-average value. NA-not analyzed. NA-interfere[illegible] [illegible]estimated value. N-presumptive evidence of presence of material
K-actual value is known to be less than value given [illegible] 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 [illegible] not be present. resampling and reanalysis is necessary for verification
C-confirmed by gcms: 1.when no value is reported [illegible] [illegible]ane constituents 2.constituents or metabolites of technical [illegible]

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 10b_ FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SS / MD No: RS94 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS94 Org Contractor: LIBRTY

Produced by: Goddard, Denise
Requestor:
Project Leader: DRIGGER
Beginning: 11/11/1999 08:30
Ending:

RESULTS	UNITS	ANALYTE
2.3UJ	UG/KG	ALPHA-BHC
2.3U	UG/KG	BETA-BHC
2.3UJ	UG/KG	DELTA-BHC
2.3UJ	UG/KG	GAMMA-BHC (LINDANE)
2.3U	UG/KG	HEPTACHLOR
2.3U	UG/KG	ALDRIN
2.3U	UG/KG	HEPTACHLOR EPOXIDE
2.3U	UG/KG	ENDOSULFAN I (ALPHA)
4.4U	UG/KG	DIELDRIN
4.4U	UG/KG	4,4'-DDE (P,P'-DDE)
4.4U	UG/KG	ENDRIN
4.4U	UG/KG	ENDOSULFAN II (BETA)
4.4U	UG/KG	4,4'-DDD (P,P'-DDD)
4.4U	UG/KG	ENDOSULFAN SULFATE
5.7	UG/KG	4,4'-DDT (P,P'-DDT)
23U	UG/KG	METHOXYCHLOR
4.4U	UG/KG	ENDRIN KETONE
4.4UR	UG/KG	ENDRIN ALDEHYDE
4.2N	UG/KG	ALPHA-CHLORDANE /2
2.3U	UG/KG	GAMMA-CHLORDANE /2
230U	UG/KG	TOXAPHENE
44U	UG/KG	PCB-1016 (AROCLOR 1016)
89U	UG/KG	PCB-1221 (AROCLOR 1221)
44U	UG/KG	PCB-1232 (AROCLOR 1232)
44U	UG/KG	PCB-1242 (AROCLOR 1242)
44U	UG/KG	PCB-1248 (AROCLOR 1248)
44U	UG/KG	PCB-1254 (AROCLOR 1254)
44U	UG/KG	PCB-1260 (AROCLOR 1260)
25	%	% MOISTURE

A-[illegible] 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-[illegible] indicates that data unusable. compound may or may not be present resampling and reanalysis is necessary for verification.
Calculated by gcms. 1 when no value is reported, see chlordane constituents. 2 constituents are metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 1090 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG13SS / MD No: RS95 Inorg Contractor: SENTIN

Media: SURFACE SOIL (0" - 12") D No: RS95 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:10

Ending:

RESULTS	UNITS	ANALYTE
1.8UJ	UG/KG	ALPHA-BHC
1.8U	UG/KG	BETA-BHC
1.8UJ	UG/KG	DELTA-BHC
1.8UJ	UG/KG	GAMMA-BHC (LINDANE)
1.8U	UG/KG	HEPTACHLOR
1.8U	UG/KG	ALDRIN
1.8U	UG/KG	HEPTACHLOR EPOXIDE
1.8U	UG/KG	ENDOSULFAN I (ALPHA)
3.5U	UG/KG	DIELDRIN
3.5U	UG/KG	4,4'-DDE (P,P'-DDE)
3.5U	UG/KG	ENDRIN
3.5U	UG/KG	ENDOSULFAN II (BETA)
3.5U	UG/KG	4,4'-DDD (P,P'-DDD)
3.5U	UG/KG	ENDOSULFAN SULFATE
3.5U	UG/KG	4,4'-DDT (P,P'-DDT)
18U	UG/KG	METHOXYCHLOR
3.5U	UG/KG	ENDRIN KETONE
0.67JN	UG/KG	ENDRIN ALDEHYDE
1.8U	UG/KG	ALPHA-CHLORDANE /2
1.8U	UG/KG	GAMMA-CHLORDANE /2
180U	UG/KG	TOXAPHENE
35U	UG/KG	PCB-1016 (AROCLOR 1016)
72U	UG/KG	PCB-1221 (AROCLOR 1221)
35U	UG/KG	PCB-1232 (AROCLOR 1232)
35U	UG/KG	PCB-1242 (AROCLOR 1242)
35U	UG/KG	PCB-1248 (AROCLOR 1248)
35U	UG/KG	PCB-1254 (AROCLOR 1254)
35U	UG/KG	PCB-1260 (AROCLOR 1260)
7.0	%	% MOISTURE

A-average value. NA-not analyzed. NA-interfe[illegible] J-estimated value. N-presumptive evidence of presence of [illegible]

K-actual value is known to be less [illegible] value given. [illegible] actual value is known to be greater than value given. U-mate[illegible] analyzed but not detected. the number is the minimum quantitation limit

R-qc indicates that data unusable [illegible] may not be present. resampling and reanalysis is necessary [illegible]

C-confirmed by gcms: 1.when [illegible] constituents 2.constituents or metabolites of [illegible]

Sample 105 FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: MG12SBA / MD No: RS96 Inorg Contractor: SENTIN

Media: SUBSURFACE SOIL (> 12") D No: RS96 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/11/1999 08:45

Ending:

RESULTS	UNITS	ANALYTE
2.0UJ	UG/KG	ALPHA-BHC
2.0U	UG/KG	BETA-BHC
2.0UJ	UG/KG	DELTA-BHC
4.1UJ	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	HEPTACHLOR
2.0U	UG/KG	ALDRIN
3.9U	UG/KG	HEPTACHLOR EPOXIDE
11U	UG/KG	ENDOSULFAN I (ALPHA)
4.4U	UG/KG	DIELDRIN
3.9U	UG/KG	4,4'-DDE (P,P'-DDE)
3.9U	UG/KG	ENDRIN
3.9U	UG/KG	ENDOSULFAN II (BETA)
5.3U	UG/KG	4,4'-DDD (P,P'-DDD)
3.9U	UG/KG	ENDOSULFAN SULFATE
6.7U	UG/KG	4,4'-DDT (P,P'-DDT)
20U	UG/KG	METHOXYCHLOR
3.9U	UG/KG	ENDRIN KETONE
4.2NJ	UG/KG	ENDRIN ALDEHYDE
8.3NJ	UG/KG	ALPHA-CHLORDANE /2
10U	UG/KG	GAMMA-CHLORDANE /2
200U	UG/KG	TOXAPHENE
39U	UG/KG	PCB-1016 (AROCLOR 1016)
80U	UG/KG	PCB-1221 (AROCLOR 1221)
39U	UG/KG	PCB-1232 (AROCLOR 1232)
39U	UG/KG	PCB-1242 (AROCLOR 1242)
39U	UG/KG	PCB-1248 (AROCLOR 1248)
39U	UG/KG	PCB-1254 (AROCLOR 1254)
39U	UG/KG	PCB-1260 (AROCLOR 1260)
16	%	% MOISTURE

[illegible] value. NA-not analyzed. NAI-interferences. J-estimated value [illegible] evidence of presence of material.
[illegible] value is known to be less than value given. L-actual value is known [illegible] value given. U-material was analyzed for but not detected. [illegible] is the minimum quantitation limit.
[illegible] unusable. compound may or may not be present [illegible] analysis is necessary for verification.
[illegible] when no value is reported, see chlordane [illegible] or metabolites of technical chlordane

PESTICIDES/PCB SAMPLE ANALYSIS **EPA - REGION IV SESD, ATHENS, GA** **Production Date: 12/29/1999 14:14**

Sample 109. FY 2000 Project: 00-0101

PESTICIDES SCAN

Facility: CTS of Asheville Inc Skyland, NC

Program: NSF Case No: 27562

Id/Station: QA009PES / MD No: RS60 Inorg Contractor: SENTIN

Media: WATSPK D No: RS60 Org Contractor: LIBRTY

Produced by: Goddard, Denise

Requestor:

Project Leader: DRIGGER

Beginning: 11/09/1999 13:00

Ending:

P01204P,0011603E,0014202V,0011604CN,0003054M

RESULTS	UNITS	ANALYTE
0.71	UG/L	ALPHA-BHC
0.050U	UG/L	BETA-BHC
0.050U	UG/L	DELTA-BHC
0.050U	UG/L	GAMMA-BHC (LINDANE)
0.050U	UG/L	HEPTACHLOR
0.050U	UG/L	ALDRIN
0.16	UG/L	HEPTACHLOR EPOXIDE
0.23	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.29	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	ENDRIN
0.22	UG/L	ENDOSULFAN II (BETA)
0.49	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDOSULFAN SULFATE
0.0012J	UG/L	4,4'-DDT (P,P'-DDT)
0.50U	UG/L	METHOXYCHLOR
0.73	UG/L	ENDRIN KETONE
0.018J	UG/L	ENDRIN ALDEHYDE
0.16	UG/L	ALPHA-CHLORDANE /2
0.050U	UG/L	GAMMA-CHLORDANE /2
5.0U	UG/L	TOXAPHENE
1.0U	UG/L	PCB-1016 (AROCLOR 1016)
2.0U	UG/L	PCB-1221 (AROCLOR 1221)
1.0U	UG/L	PCB-1232 (AROCLOR 1232)
1.0U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)

[illegible]verage value NA-not analyzed. NAI-interferences. J-estimate: [illegible] presumptive evidence of presence of material.
[illegible]ctual value is known to be less than value given. L-actual value [illegible] to be greater than value given. U-material was analyzed [illegible] number is the minimum quantitation limit.
[illegible] indicates that data unusable. compound may or may not be present in the sample [illegible] reanalysis is necessary for verification.
[illegible]mined by gcms: 1.when no value is reported, see chec[illegible] [illegible]nts or metabolites of technical chlordane