25139

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	17	BENOY,	10.0
		TOTAL		SFSITENO	10.0

Algoadome Strickland, Ray

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: [signature] 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	18	BENOY,	16.0
		TOTAL		SFSITENO	16.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: PROJECT OFFICER DATE 11/3/87

NOT CERTIFIED: PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
C4D	7	8	19	BENOY,	16.0
C4D	7	8	19	MUNDRIC	2.0
		TOTAL SFSITENO			18.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: _____ 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	20	BENOY,	5.0
		TOTAL		SFSITENO	5.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: [signature] 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	21	BENOY,	23.0
		TOTAL		SFSITENO	23.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: Ray L. Strickland 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	22	MURPHY,	2.0
		TOTAL SFSITENO			2.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: [signature] 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

PAYROLL REPORT FOR HAZ SUB RESP SITE

SFO 15
SFSITENO 2Z

AH RC	SOF	ACTY	PP	PNAME	PAYR HOURS
04D	7	8	24	BENOY,	3.0
		TOTAL SFSITENO			3.0

I CERTIFY TO THE BEST OF MY KNOWLEDGE AND ABILITY THAT THE TRAVEL/PAYROLL CHARGES ATTACHED DID OCCUR AND WERE NECESSARY TO THE EPA CERCLA ACTIVITIES AT THIS SITE.

CERTIFIED: Ray B. Stockton 11/3/87
PROJECT OFFICER DATE

NOT CERTIFIED: _____
PROJECT OFFICER DATE

OVERSIZED

DOCUMENT

REFERENCE NO. 7

"Rite in the Rain."
WEATHERPROOF

LEVEL

NOTEBOOK NO. 311

F4-269 ~~[illegible]~~ Aqua Dome Decatur Alabama

~~F4-8404-04A~~ BH 4/16

~~Zellwood FL~~ BH

~~Project Manager~~ - ~~[illegible]~~ BH

TDD# F4-8504-02

BARBARA HANSEN BENOY Proj Mgr

#12

a product of

J. L. DARLING CORPORATION

TACOMA, WASHINGTON 98421 U.S.A.

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

LOGBOOK REQUIREMENTS

REVISION 1 MARCH 28, 1984

NOTE: ALL LANGUAGE SHOULD BE FACTUAL AND OBJECTIVE

Record on front cover of the Logbook:
Logbook No. ✓
TDD No. ✓
Site Name ✓
Site Location ✓
Project Manager ✓
All entries are made using ink ✓
Statement of Work Plan discussion and distribution to field team ✓
Sign and date each page
Date and initial each correction
Report weather conditions
Provide general site description and remarks
Sample data or reference to sample sheet:
Date
Time
Record calibration of any instruments used
Sample location (Station # and brief description)
Sample designation (grab or composite)
Sample type (water, soil, etc.)
Sample analyses and preservatives (VOA, metals, etc.)
Sample identification #
Tag #
Sampler's name
In situ field measurements
Remarks
Maintain photo log by completing the stamped information at end of the logbook

40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

B Benoy 4/16/85

1315 - Departed Mabry Engineering Office for Aquadale

FIT members are:
B Hamer
J. Scott-Simpson
B Blackwell
Accompanied by Joel Pugh City Engineer, Contract by Decatur, Al to Mabry Engineering

Weather Conditions:
69°F - Clear (Sunny) to Partly cloudy

Have driven around circumference of site. Observed depressed areas where settling or fill areas have ~~op~~ Occurred.

4/16/85 CHBenoy

1320 - Located Monitoring well #2
North section of site

Heavy rainfalls had occured monday 4/15. Many of the depressed areas had standing water.

Drainage ditch through center of site has portion in center that is concrete. Slopes are vegitated w/ grass. Leachate points may be observable due to previous rainfall

Least amount of fill was found to be ~3' deep

Parking lot next to Aquadome pool has several depressions Much standing H2O

Drainage ditch flowing

Observed drainage pt. in cemented slope near school. Red stains in concrete indicate iron. State analyses showed low levels of iron.

Observed surface runoff from one side, oily sheen on some H2O

Located Monitoring well #3 between drainage ditch & North ball fields

One area of the south bank of drainage ditch had ≈ 8 areas of rapid drainage. Certain amount of trash visible

Pooled area near bridge on S. bank has oily sheen foamy looking surface

4/16/85 CHBenoy

4

Located M.W #1 between drainage & ball field (S.E.) Located upgradient well, was also labeled #1.

~~1405 - Departing Aquadome~~ Site, Incorrect entry BJH.

1418 - Departing Aquadome

— Continuing recon. on other sites in area

~~[illegible]~~

1800 - Departing Decatur for Atlanta

4/16/85

BJH

BJH 4/22/85

1245 - Departed NUS Warehouse for Decatur Ala. to conduct sampling investigation

0600 EST - Arrive in Decatur

0700 - Met up with P. Blackwell Doug Munson B Hansen B. Donaghue & Ray Wilkerson EPA.

All FIT members have read & understood work plan of investigation

4/23/85 - Departed hotel for site @ 0730 CST.

Collected surface H2O samples from drainage ditch w/ corresponding sediments

4/23/85

BJH

5

6

4/23/85

0755 - Collected AD-US-1W
AD-US-1S
Water & sediment from drainage ditch prior to H_2O entering site. T = 0755 * refer to field sheets for all specific info on samples.

0830 - Collected AD-SW-2W
Spring H_2O flowing into drainage ditch from underground pipe

0800 - Collected AD-DS-3W
AD-DS-3S
H_2O & sediment from downstream location where drainage ditch leaves site (flows towards River) (TW)

4/23/85

0940 - Departed site for breakfast.

1030 - Return to site
P. Blackwell D. Munson

Requested to monitor air in school basement where methane gas monitor has been installed. Accompanied by Joel Pugh - Decatur City Engineer + Ray Wilkerson EPA. HNU readings were negative (nothing above background) OVA showed readings up to 5 on ×100 scale in boiler room. Probably gas ~~fumes~~ (BP) fumes powering boiler + other machinery. Gas vents around school were monitored. ≈ 20-25 vents, 2 showed slight readings above background on OVA. No readings

All instruments to calibrated prior to use on site per Quality Assurance requirements.

7

or HNU.

Monitored Monitoring well #3 with HNU + OVA. Neither instrument showed readings above background. Tested a point in ground fill by poking a hole ≈3 feet with small metal rod, neither OVA or HNU showed reading above background.

Collected AD-L1-4W @ 1050

Collected AD-L1-4S @ 1050

Collected AD-L2-5S @ 1110

Collected AD-L3-6W -6S @ 1245

4/23/85 [illegible]

4/23/85 [illegible]

Purging MW-2 ≈26 gal.

Purging MW-3 ≈6 gal.

1500 - Departing site

4/24/85 [illegible]

0800 - Arrived on site.

Note: AD-L2-5S sediment + AD-L4-7W H2O are from same leachate point!

10 Recon Photos

4/16/85 BHB
1324

North area of site along road. 1 poloroid, 2-35 mm sh

4/16/85 BHB
1325

Picture of: school
1-35 mm, 1-poloroid

TDD #
4/16/85 BHB
1327

School
1-35 mm, 1 poloroid

TDD #
Date 4/16/85 By Whom: BHB
Time 1327 # keyed to map
Location
Picture of: pool 1 poloroid
1-35 mm

4/16/85 By Whom: BHB
1325 # keyed to map
Location
Picture of: panoramic of site
5-35 mm shots

TDD #
Date 4/16/85 By Whom: BHB
Time 1330 # keyed to map
Location
Picture of: monitoring well
1-35 mm 1 poloroid

11

TDD #
Date: 4/16/85 By Whom: BAB
Time: 1333 # keyed to map:
Location:

Picture of: parking lot on north side of site near pool
1-35 mm 1 polaroid

Date: 4/16/85 By Whom: BAB
Time: 1336 # keyed to map:
Location:

leachate 1-35mm
1 polaroid

TDD #
Date: 4/16/85 By Whom: BAB
Time: 1340 # keyed to map:
Location:

Picture of: monitoring well
1-35 mm

TDD #
Date: 4/16/85 By Whom: BAB
Time: 1340 # keyed to map:
Location:

Picture of: drainage thru midsection of site 1-35 mm

TDD #
Date: 4/16/85 By Whom: BAB
Time: 1342 # keyed to map:
Location:

Picture of: monitoring well #3
1-35 mm 1 polaroid

TDD #
Date: 4/16/85 By Whom: BAB
Time: 1345 # keyed to map:
Location:

Picture of: drainage along mid-section of site
1 polaroid
3-35 mm

TDD #
Date 4/16/85 By Whom: BAB
Time 1347 # keyed to map:
Location.
Picture of: monitoring well
1-35 mm

TDD #
Date 4/16/85 By Whom: BAB
Time: 1348 # keyed to map:
Location:
Picture of: leachate point entering into drainage 1-35 mm

TDD #
Date 4/16/85 By Whom: BAB
Time 1349 # keyed to map:
Location:
Picture of: leachate into drainage ditch
1-poloroid

TDD #
Date 4/16/85 By Whom: BAB
Time 1350 # keyed to map:
Location.
Picture of: discoloration from leachate into drainage 1-35 mm

TDD #
Date 4/16/85 By Whom: BAB
Time 1350 # keyed to map:
Location.
Picture of: leachate point ~~into~~ along drainage thru mid section of site
1-35 mm

TDD #
Date 4/16/85 By Whom: BAB
Time 1400 + 1405 # keyed to map:
Location.
Picture of: West drainage after leaving site, will flow into TN river
1-poloroid, 2-35 mm

TDD #
Date 4/16/85 By Whom: BB
Time: 1415 # keyed to map
Location: monitoring well #1
Picture of: 1 polaroid

TDD # See additional recon. photos
Date By Whom: in rear of logbook
Time: # keyed to map
Location:
Picture of:

TDD #
Date By Whom:
Time: # keyed to map
Location:
Picture of:

Sampling Photos

TDD # BB
Date 4/23/85 By Whom: 1 polaroid
Time: 0755 # keyed to map: 1-35mm
Location:
Picture of: AD-US-1S/W upstream drainage

TDD # BB
Date 4/23/85 By Whom:
Time: 0830 # keyed to map: 1 polaroid 1-35mm
Location:
Picture of: AD-SW-2W Spring H2O

TDD # BB
Date 4/23/85 By Whom:
Time: 0945 # keyed to map: 1-35mm
Location:
Picture of: AD-LI-4S Leachate #1

TDD #
Date 4/23/85 By Whom: [signature]
Time: 1050 # keyed to map: 1-35mm
Location:

Picture of: AD-L1-4W leachate #1

TDD #
Date 4/23/85 By Whom: [signature]
Time: 1110 # keyed to map: 1-35mm
Location:

Picture of: Leachate #2
AD-L2-5S/AD-L4-7W

TDD #
Date 4/23/85 By Whom: [signature]
Time: 1110 # keyed to map: 1-35mm
Location:

Picture of: AD-L2-5S/AD-L4-7W

TDD #
Date 4/23/85 By Whom: [signature]
Time: 1245 # keyed to map: 1-35mm
Location: 1-polaroid

Picture of: AD-L3-6S/W
water & sediment from
leachate #3

TDD #
Date 4/24/85 [signature]
Time: 0945 # keyed: 1-polaroid
Location: 1-35mm

Picture of: AD-MW-2
monitoring well #2

TDD #
Date 4/24/85 [signature]
Time: 1030 1-polaroid
Location: 2-35mm

Picture of: AD-MW-3
monitoring well #3

TDD #
Date: 4/24/85 By Whom: [signature]
Time: 1115 # keyed to map: 2-polaroids
Location: 2-35mm
Picture of: AD-MW-4
monitoring well #4

4/24/85 By Whom: [signature]
1145 # keyed to map: 2-polaroids
Location: 2-35mm
AD-MW-1
monitoring well #1

[signature]
4/24/85 1 polaroid
1400 1-35mm
AD-A15
aquifer #1

TDD #
Date 4/24/85 [signature]
Time: 1300 1 polaroid
Location:
Picture of: leachate along drainage

4/24/85 [signature]
1310 1 polaroid
Location:
Picture of: leachate print along drainage

TDD #
Date 4/24/85 [signature]
Time: 1325 1 polaroid
Location:
Picture of: leachate print along drainage

TDD #
Date 4/24/85 By Whom: BAB
Time: 1345 # keyed to map: 1-potorock
Location.
Picture of: leachate point along drainage

TDD #
Date 4/24/85 By Whom: BAB
Time: 1600 # keyed to map: 1-35 mm
Location.
Picture of: leachate point along drainage

TDD #
Date 4/24/85 By Whom: BAB
Time: 1610 # keyed to map: 1-35 mm
Location.
Picture of: leachate point along drainage

TDD #
Date 4/24/85 By Whom: BAB
Time: ~~4/24/8~~ 1625 # keyed to map: 1-35 mm
Location.
Picture of: leachate point along drainage

TDD #
Date 4/24/85 By Whom: BAB
Time: 1645 # keyed to map: 1-35 mm
Location.
Picture of: leachate point along drainage

24

~~Photos are logged into a separate log book due to the~~

TDD #
Date By Whom:
Time: # keyed to map:
Location:
Picture of:

See mid of logbook

TDD #
Date By Whom:
Time: # keyed to map:
Location:
Picture of:

TDD #
Date By Whom:
Time: # keyed to map:
Location:
Picture of:

TDD # F4-8504-02
Date 4-16-85
Time 1400
Location Aquadome Site Decatur, Ala
Picture West drainage after leaving site flowing toward TV. river

TDD #
Date 4-16-85 By Whom:
Time 1415 # keyed to map:
Location Aquadome Site
Picture of: monitoring well #1

TDD #
Date 4/16/85 By Whom:
Time 1500 # keyed to map:
Location
Picture of: panoramic view of school & aquadome pool

25

TDD #
Date 4-16-85 By Whom:
Time: 1500 # keyed to map:
Location.

Picture of: panoramic view of school & aquadome pool

TDD #
Date 4-16-85 By Whom:
Time: 1505 # keyed to map:
Location.

Picture of: Brookhaven Middle School

TDD #
Date 4-16-85 By Whom:
Time: 1510 # keyed to map:
Location.

Picture of: Depression in sidewalk in front of school. Typical situation on site.

TDD #
Date 4-16-85 By Whom:
Time: 1510 # keyed to map:
Location.

Picture of: Drainage as entering site. Note spring flowing into drainage thru side culvert.

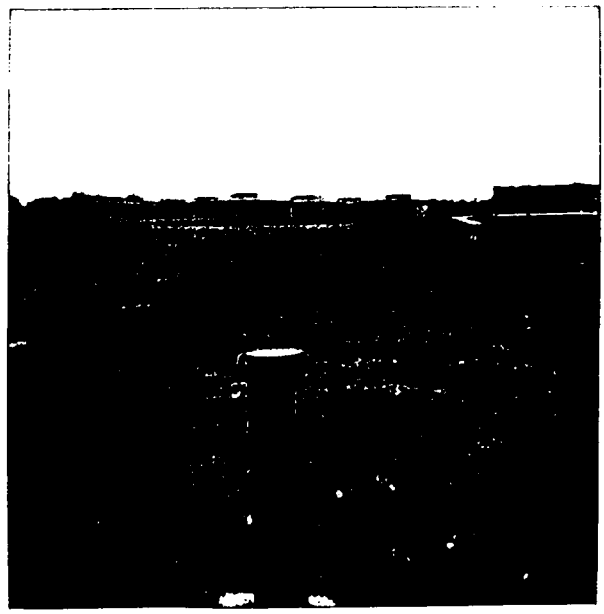
TDD #
Date 4-16-85 By Whom:
Time: 1305 # keyed to map:
Location.

Picture of: depression in parking lot of softball fields

TDD #
Date 4/16/85 By Whom:
Time: 1325 # keyed to map:
Location.

Picture of: Sidewalk, front of school, note multiple depressions in sidewalk.

REFERENCE NO. 7
APPENDIX A



0742 [redacted]

TDD # F4-8504-02
Date 4-16-85 By Whom:
Time: 1347 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: monitoring well

[redacted]

074 [redacted]

TDD # F4-8504-02
Date 4-16-85 By Whom:
Time: 1345 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: drainage ditch thru mid section of site

[redacted]

074 [redacted]

TDD # F4-8504-02
Date 4-16-85 By Whom:
Time: 1345 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: ~~Monitor~~ drainage ditch, flows thru mid of site

[redacted]

07 [redacted]

TDD # F4-8504-02
Date 4/16/85 By Whom:
Time: 1345 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: drainage ditch thru mid section of site

[redacted]

A-2

F4-8504-02

Date 4/24/85 By Whom:

Time: 1010 # keyed to map:

Location: Aquadome Site
Decatur, Ala.

Picture of: Leachate point along drainage ditch

24

TDD # F4-8504-02

Date 4/24/85 By Whom:

Time: 1600 # keyed to map:

Location: Aquadome Site
Decatur, Ala.

Picture of: Leachate along drainage ditch

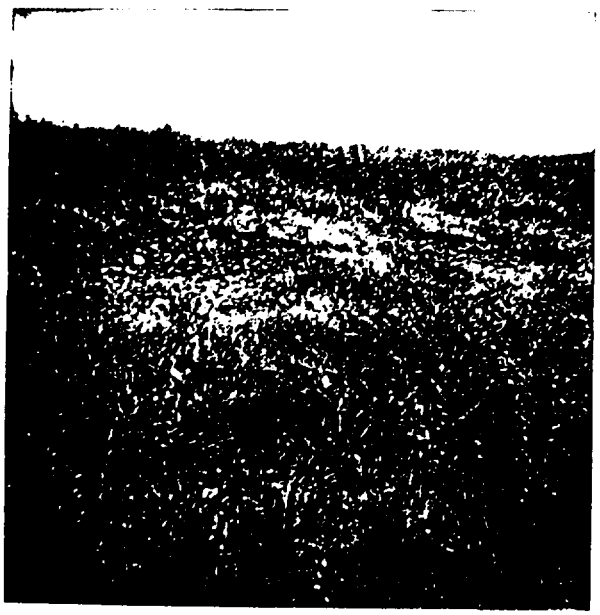
TDD # F4-8504-02

Date 4/24/85 By Whom:

Time: 1400 # keyed to map:

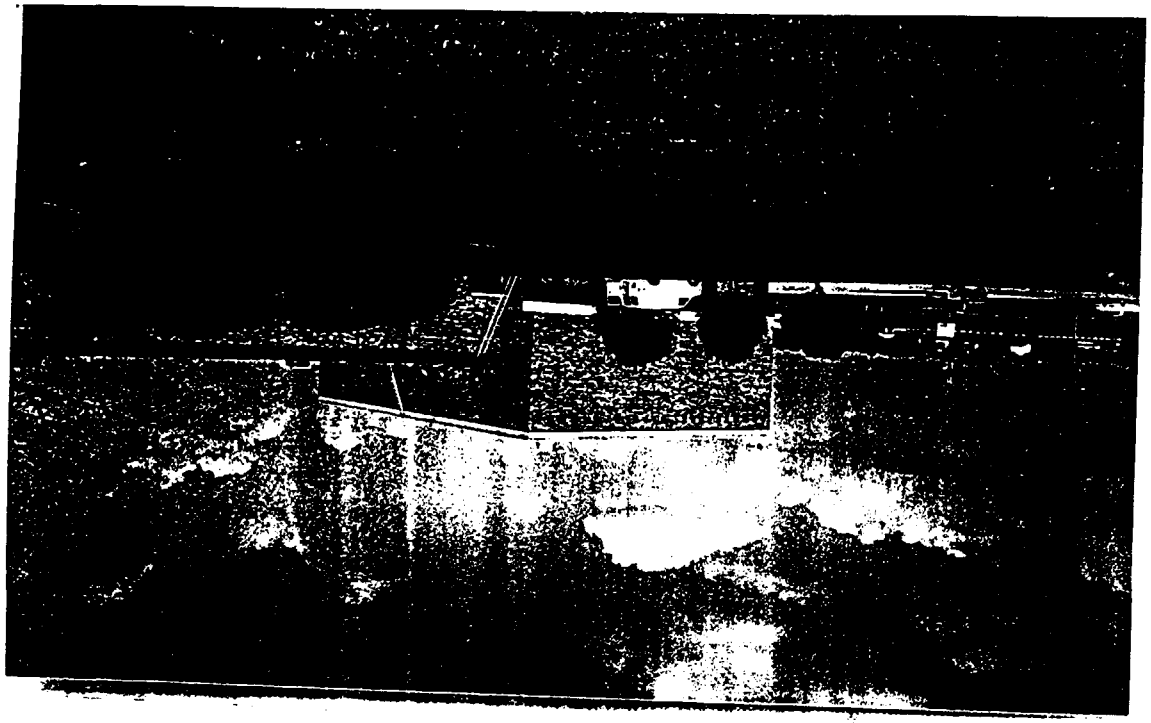
Location: Aquadome Site
Decatur, Ala.

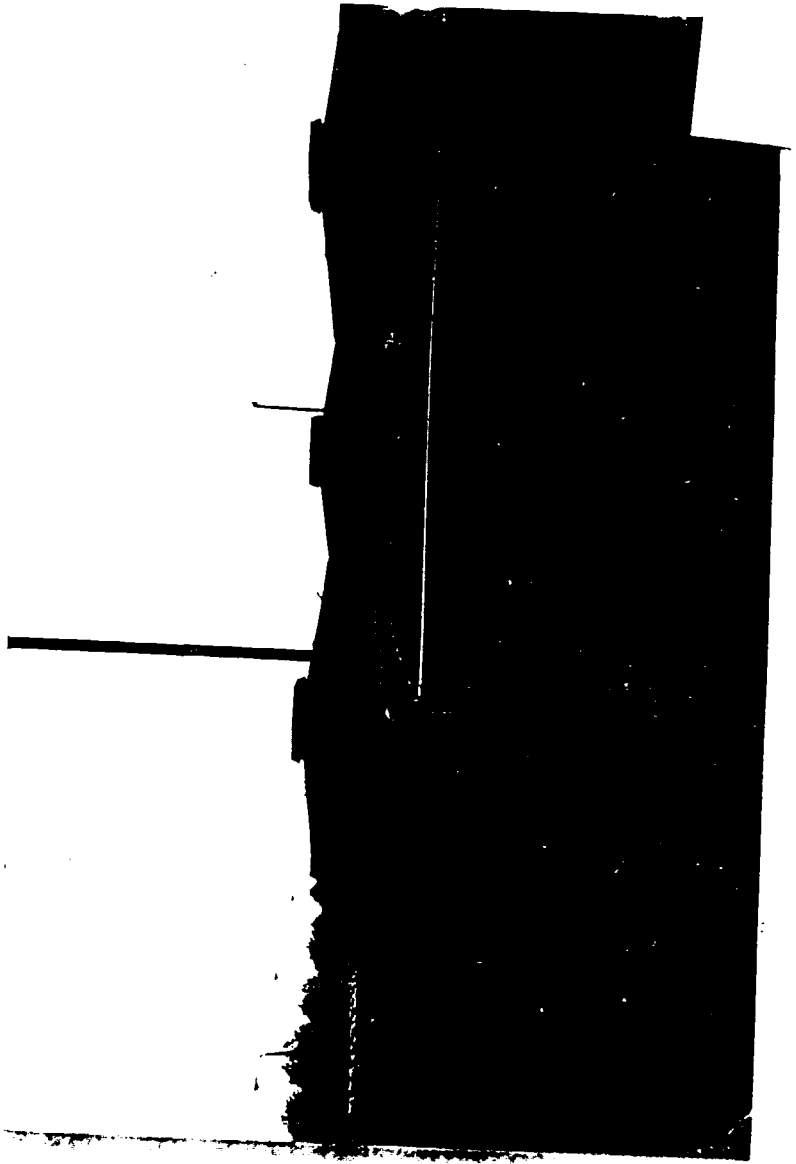
Picture of: AD-A15
Agar hole #1



ID # F4-8504-02
Date 4/16/85 By Whom:
Time: 1340 # keyed to map:
Location: Aquadome Site
Decatur, Ala
Picture of: monitoring well

ID # F4-8504-02
Date 4/16/85 By Whom:
Time: 1340 # keyed to map:
Location: Aquadome Site
Decatur, Ala
Picture of: drainage from mid-section of site



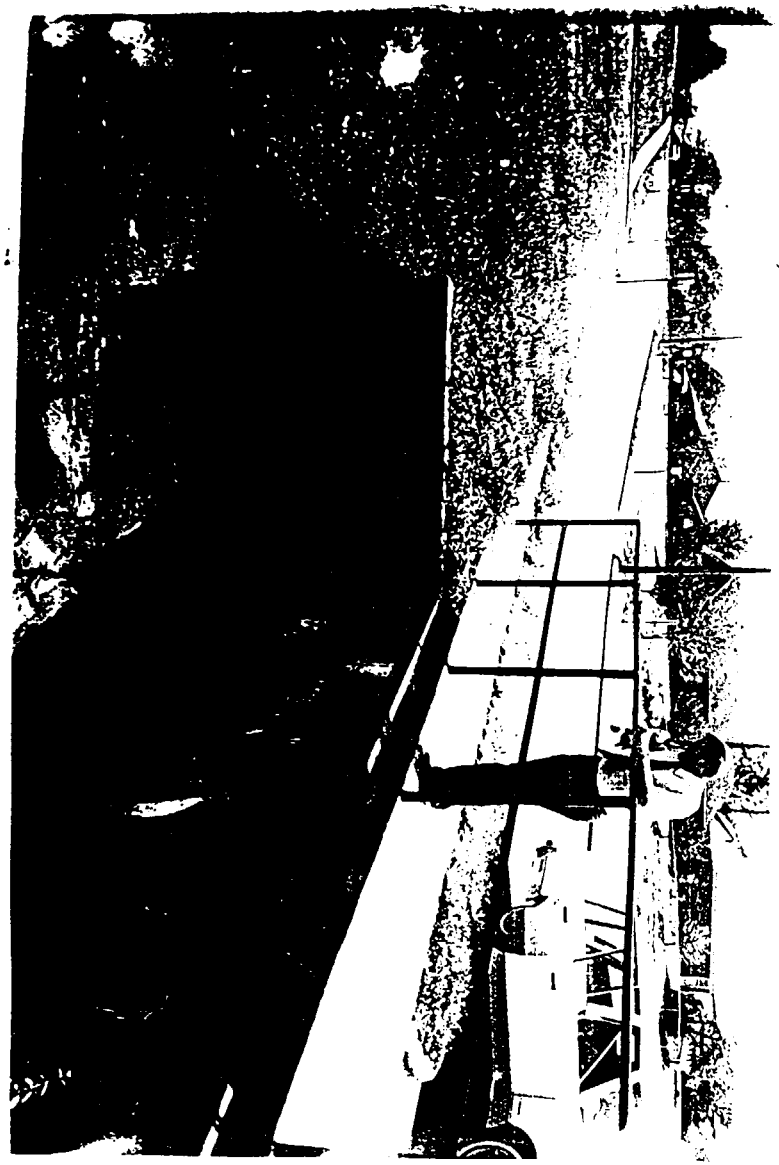


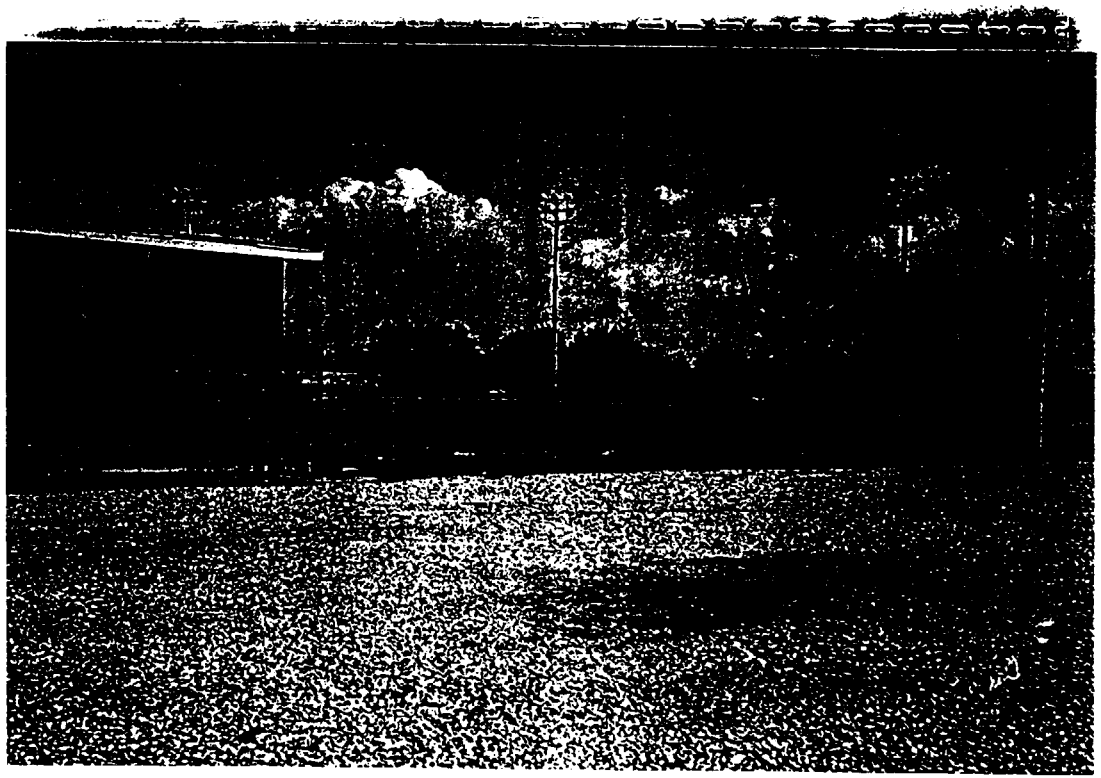
TDD # F4-8504-02
Date 4/16/85 By Whom:
Time: 1510 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: Depression in sidewalk, front of school Typical situation on site.

TDD # F4-8504-02
Date 4/16/85 By Whom:
Time: 1505 # keyed to map:
Location. Aquadome Site
Decatur Ala
Picture of: Brookhaven Middle School

TDD # F4-8504-02
Date 4/16/85 By Whom:
Time: 1500 # keyed to map:
Location. Aquadome Site
Decatur, Ala
Picture of: [illegible] Water to [illegible]
[illegible] Pool

A-10





TDD # F4-8504-02
Date 4/16/85 By [illegible]
Time: 1355 # keyed [illegible]
Location. Aquadome Site
Decatur, Ala.
Picture of: Sidewalk, front of
School, note multiple depressions
in sidewalk

TDD # F4-8504-02
Date 4/16/85 By [illegible]
Time: 1325 # keyed [illegible]
Location. Aquadome Site
Decatur, Ala
Picture of: depression in parking
lot of softball fields

TDD # F4-8504-02
Date 4/16/85 By [illegible]
Time: 1510 # keyed [illegible]
Location. Aquadome Site
Decatur, Ala
Picture of: Drainage to entering
site, note spring flowing
into drainage thru slide culvert

H-1

REFERENCE NO. 8

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
EPS FORM 3012-II

TELEPHONE LOG SHEET

1. Site Identification:
   Site number: ALD 980 842 512
   Site name: AQUADOME

2. Interview Data: (Party called)
   Name: Mr. Harold Smith
   Position: Sanitation Dept.
   Firm: City of Decatur
   Address: P.O. Box 488
   Decatur, AL. 35602
   Telephone No.: (205) - 353 - 5414

3. EPS Analyst Data:
   Name: Paul J. Bierstine
   Purpose of call: Information about site history
   Form 2070-12 (7-81) P.N. Part 1
   Date of call: 9/25/84

4. Interview Narrative Summary: Ms. Smith said the dump site was closed over 20 years ago & the site was for recreation facilities & the Brookhaven Middle School was built there. He is not aware of any illness or sickness attributable to exposure at the site. There is still differential settlement occurring, causing damage to the tennis courts & school building. He also said that he thought EPA looked at this site 3 or 4 years ago.

5. Disposition/Comments:

6. Comments: Any additional sites used by this company?
   Location:
   Dates of use:
   Description of waste:
   Comments:

Attachment (Ref. 8)

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: December 10, 1991 December 10, 1991
TIME: 16:30

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED:
NAME Frank Duke
TITLE Personnel Director
ORGANIZATION Decatur Public Works
ADDRESS Decatur, Alabama
PHONE NO. (205) 351-7570

GENERAL SUBJECT: Mr. Harold Smith's position at the Decatur Sanitation Department in September 1984 (during the telephone conversation between Mr. Harold Smith and Mr. Paul Bierstine)

CONVERSATION SUMMARY: Mr. Frank Duke said Mr. Harold Smith is retired. Mr. Smith was the Sanitation Director when employed with the Decatur Sanitation Department in 1984.

REFERENCE NO. 9

SW Morgan Co. Misc

August 22, 1984

Mr. Joel N. Pugh
City Engineer
P. O. Box 488
Decatur, AL 35602

Lat. 34 N 35' 30"
Long. 86 W 58' 30"

Dear Mr. Pugh: ALD980842512

We have been reviewing the monitoring data on the Old Aquadome landfill as submitted to this office on June 20, 1984.
1501 5th Ave. S.W., Decatur, Ala.

The gas monitoring indicated a 2% LEL in the Brookhaven Middle School Building. It is my understanding that an automatic alarm is in the basement of the school to detect the presence of gas before it reaches the explosive level. I would suggest that someone check out this system to insure that it is working correctly. This is necessary since a low level of gas has been detected.

If you have any questions or if we can assist you in any way, please contact us.

Sincerely,

Jack Honeycutt, Chief
Solid Waste Section
Land Division

JH/al

CITY OF DECATUR

Sample Analysis by Mabry Engineering Company, Inc.

Aquadome - Old Landfill
Sampling Location

C. Hunter
Sampled By:

14 April 1983
Collection Date

Monitoring Wells
Type Analysis

19 April 1983
Date Reported

Well No.	Chloride	Conductivity	Iron	Ph
1	21 mg/1	700	0.13 mg/1	6.59
2	49 mg/1	720	4.0 mg/1	6.45
3	1.5 mg/1	5000	0.03 mg/1	12.50
4	197 mg/1	1190	0.2 mg/1	7.17

Gas Monitoring

East Side (Open Area)	- 8% LEL
North Side (Open Area)	- 0%
West Side (Open Area)	- 0%
South Side (Open Area)	- 0%
Aquadome Building	- 0%
Brookhaven Middle School Building	- 2% LEL

CITY OF DECATUR

Sample Analysis by Mabry Engineering Company, Inc.

Aquadome - Old Landfill
Sampling Location

C. Hunter
Sampled By:

30 September 1983
Collection Date

Monitoring Wells
Type Analysis

28 October 1983
Date Reported

Well No.	Chloride	Conductivity	Iron	Ph
1	22 mg/1	450	0.04 mg/1	8.13
2	56 mg/1	600	7.2 mg/1	7.74
3	148 mg/1	1800	0.09 mg/1	11.50
4	275 mg/1	1130	5.6 mg/1	7.77

Gas Monitoring

East Side (Open Area)	- 0%
North Side (Open Area)	- 0%
West Side (Open Area)	- 0%
South Side (Open Area)	- 0%
Aquadome Building	- 0%
Brookhaven Middle School Building	- 0%

CITY OF DECATUR

Sample Analysis by Mabry Engineering Company, Inc.

Aquadome - Old Landfill
Sampling Location

C. Hunter
Sampled By:

30 March 1984
Collection Date

Monitoring Wells
Type Analysis

2 April 1984
Date Reported

Well No.	Chloride	Conductivity	Iron	Ph
1	11 mg/1	610	0.74 mg/1	7.90
2	45 mg/1	600	2.6 mg/1	7.24
3	16 mg/1	3500	0.08 mg/1	12.03
4	280 mg/1	1220	0.7 mg/1	7.77

Gas Monitoring

East Side (Open Area)	- 8% LEL
North Side (Open Area)	- 0%
West Side (Open Area)	- 0%
South Side (Open Area)	- 0%
Aquadome Building	- 0%
Brookhaven Middle School Building	- 2% LEL

CITY OF DECATUR

Sample Analysis by Mabry Engineering Company, Inc.

Aquadome - Old Landfill
Sampling Location

C. Hunter
Sampled By:

23 October 1984
Collection Date

Monitoring Wells
Type Analysis

26 October 1984
Date Reported

Well No.	Chloride	Conductivity	Iron	Ph
1	10 mg/1	680	0.32 mg/1	7.20
2	47 mg/1	600	5.40 mg/1	6.58
3	8 mg/1	3000	0.20 mg/1	11.76
4	145 mg/1	1600	2.8 mg/1	7.17

Gas Monitoring

East Side (Open Area) - 2% LEL
North Side (Open Area) - 0%
West Side (Open Area) - 60% LEL
South Side (Open Area) - 0%
Brookhaven Middle School Building - 0%

REFERENCE NO. 11

Previously reporte

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch	SW-732	Linn
Sampling Location	Laboratory Sample Number	Collector
3/10/81	Surface Water	10/22/81
Collection Date	Type Analysis	Date Reported

Sampling Point #3

Other Sample Information

pH		Arsenic as As	mg/l
Specific Conductance	umho/cm	Barium as Ba	mg/l
Total Dissolved Solids	mg/l	Cadmium as Cd	mg/l
Alkalinity, Total as $CaCO_3$	mg/l	Chromium as Cr	mg/l
Acidity, Total Mineral, as $CaCO_3$	mg/l	Lead as Pb	mg/l
Chloride as Cl^-	mg/l	Mercury as Hg	mg/l
Chromate as CrO_4	mg/l	Selenium as Se	mg/l
Fluoride	mg/l	Silver as Ag	mg/l
Hardness, EDTA as $CaCO_3$	mg/l	Aluminum as Al	mg/l
Nitrate Nitrogen as N	mg/l	Calcium as Ca	mg/l
Phosphate as P	mg/l	Copper as Cu	mg/l
Silica as SiO_2	mg/l	Iron as Fe	mg/l
Sulfate as SO_4	mg/l	Magnesium as Mg	mg/l
Turbidity	JTU	Manganese as Mn	mg/l
Chemical Oxygen Demand (COD)	mg/l	Nickel as Ni	mg/l
Cyanide as CN	mg/l	Potassium as K	mg/l
Oil and Grease	mg/l	Sodium as Na	mg/l
Phenols	mg/l	Zinc as Zn	mg/l
Acid Extractables	mg/l	Pesticides	mg/l
Base Neutrals	mg/l	Lindane	mg/l
Organochlorine Pesticides	mg/l	Endrin	mg/l
Organophosphorous Pesticides	mg/l	Toxaphene	mg/l
Volatile Organics	Ø mg/l	Methoxyclor	mg/l
PCB's	mg/l	Herbicides	mg/l
	mg/l	2,4-D	mg/l
	mg/l	2,4,5-T	mg/l
	mg/l	Silvex	
		Radioactivity	
		Alpha	pCi/l
		Beta	pCi/l
		Gamma Scan	

Remarks:

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch	SW 733-735 (736)	L. G. Linn, Jr.
Sampling Location	Laboratory Sample Number	Collector
3/10/81	Water	4/8/81
Collection Date	Type Analysis	Date Reported

Upstream at 5th Avenue, SW inlet from Brookhaven School side

Other Sample Information

pH	7.4		Arsenic as As	<.01	mg/
Specific Conductance	230	umho/cm	Barium as Ba	<.5	mg/
Total Dissolved Solids	224	mg/l	Cadmium as Cd	<.05	mg/
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/
Chloride as Cl^-	6.0	mg/l	Mercury as Hg	<.001	mg/
Chromate as CrO_4		mg/l	Selenium as Se	<.01	mg/
Fluoride		mg/l	Silver as Ag	.06	mg/
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/
Nitrate Nitrogen as N	1.82	mg/l	Calcium as Ca		mg/
Phosphate as P		mg/l	Copper as Cu		mg/
Silica as SiO_2		mg/l	Iron as Fe	.37	mg/
Sulfate as SO_4	24	mg/l	Magnesium as Mg		mg/
Turbidity		JTU	Manganese as Mn		mg/
Chemical Oxygen Demand (COD)	19.4	mg/l	Nickel as Ni		mg/
Cyanide as CN		mg/l	Potassium as K		mg/
Oil and Grease		mg/l	Sodium as Na	7.2	mg/
Phenols	<.02	mg/l	Zinc as Zn		mg/
Acid Extractables		mg/l	Pesticides		mg/
Base Neutrals		mg/l	Lindane		mg/
Organochlorine Pesticides		mg/l	Endrin		mg/
Organophosphorous Pesticides		mg/l	Toxaphene		mg/
Volatile Organics		mg/l	Methoxyclor		mg/
PCB's		mg/l	Herbicides		mg/
		mg/l	2,4-D		mg/
		mg/l	2,4,5-TP		mg/
		mg/l	Radioactivity		
			Alpha		pC/
Remarks:			Beta		pC/
			Gamma Scan		

bw

#2

Previously reported

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch	SW-736	Linn
Sampling Location	Laboratory Sample Number	Collector
3/10/81	Surface Water	10/22/81
Collection Date	Type Analysis	Date Reported

Sampling Point #2

Other Sample Information

pH		Arsenic as As	mg/l
Specific Conductance	umho/cm	Barium as Ba	mg/l
Total Dissolved Solids	mg/l	Cadmium as Cd	mg/l
Alkalinity, Total as $CaCO_3$	mg/l	Chromium as Cr	mg/l
Acidity, Total Mineral, as $CaCO_3$	mg/l	Lead as Pb	mg/l
Chloride as Cl^-	mg/l	Mercury as Hg	mg/l
Chromate as CrO_4	mg/l	Selenium as Se	mg/l
Fluoride	mg/l	Silver as Ag	mg/l
Hardness, EDTA as $CaCO_3$	mg/l	Aluminum as Al	mg/l
Nitrate Nitrogen as N	mg/l	Calcium as Ca	mg/l
Phosphate as P	mg/l	Copper as Cu	mg/l
Silica as SiO_2	mg/l	Iron as Fe	mg/l
Sulfate as SO_4	mg/l	Magnesium as Mg	mg/l
Turbidity	JTU	Manganese as Mn	mg/l
Chemical Oxygen Demand (COD)	mg/l	Nickel as Ni	mg/l
Cyanide as CN	mg/l	Potassium as K	mg/l
Oil and Grease	mg/l	Sodium as Na	mg/l
Phenols	mg/l	Zinc as Zn	mg/l
Acid Extractables	mg/l	Pesticides	mg/l
Base Neutrals	mg/l	Lindane	mg/l
Organochlorine Pesticides	mg/l	Endrin	mg/l
Organophosphorous Pesticides	mg/l	Toxaphene	mg/l
Volatile Organics	mg/l	Methoxyclor	mg/l
BTX's	mg/l	Herbicides	mg/l
Tetrachloroethane	10.5 µg/l	2,4-D	mg/l
	mg/l	2,4,5-T	mg/l
	mg/l	Silvex	
		Radioactivity	
Remarks:		Alpha	pCi/l
		Beta	pCi/l
		Gamma Scan	

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STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch	SW 741-743 SW 77	L. G. Linn, Jr.
Sampling Location	Laboratory Sample Number	Collector
3/10/81	Water	4/8/81
Collection Date	Type Analysis	Date Reported
Downstream near Hillwood Apts.	Field pH 5.7, Temp. 65° F.	

Other Sample Information

pH	7.8		Arsenic as As	<.01	mg/
Specific Conductance	230	umho/cm	Barium as Ba	<.5	mg/
Total Dissolved Solids	184	mg/l	Cadmium as Cd	<.05	mg/
Alkalinity, Total as $CaCO_3$	113	mg/l	Chromium as Cr	<.05	mg/
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/
Chloride as Cl^-	1.0	mg/l	Mercury as Hg	<.001	mg/
Chromate as CrO_4		mg/l	Selenium as Se	<.01	mg/
Fluoride		mg/l	Silver as Ag	.05	mg/
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/
Nitrate Nitrogen as N	1.22	mg/l	Calcium as Ca		mg/
Phosphate as P		mg/l	Copper as Cu		mg/
Silica as SiO_2		mg/l	Iron as Fe	.24	mg/
Sulfate as SO_4		mg/l	Magnesium as Mg		mg/
Turbidity		JTU	Manganese as Mn		mg/
Chemical Oxygen Demand (COD)	43.2	mg/l	Nickel as Ni		mg/
Cyanide as CN		mg/l	Potassium as K		mg/
Oil and Grease		mg/l	Sodium as Na	25.8	mg/
Phenols	<.02	mg/l	Zinc as Zn		mg/
Acid Extractables		mg/l	Pesticides		mg/
Base Neutrals		mg/l	Lindane		mg/
Organochlorine Pesticides		mg/l	Endrin		mg/
Organophosphorous Pesticides		mg/l	Toxaphene		mg/
Volatile Organics		mg/l	Methoxyclor		mg/
PCB's		mg/l	Herbicides		mg/
		mg/l	2,4-D		mg/
		mg/l	2,4,5-TP		mg/
		mg/l	Radioactivity		
			Alpha		pC
Remarks:			Beta		pC
			Gamma Scan		

#1

4 of 4

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch *	740	Linn
Sampling Location	Laboratory Sample Number	Collector
3/10/81		10/22/81
Collection Date	Type Analysis	Date Reported

Water was clear and flowing swiftly Fld ph 5.7 and 65°F

Other Sample Information

pH			Arsenic as As		mg/l
Specific Conductance		umho/cm	Barium as Ba		mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd		mg/l
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr		mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb		mg/l
Chloride as Cl^-		mg/l	Mercury as Hg		mg/l
Chromate as CrO_4		mg/l	Selenium as Se		mg/l
Fluoride		mg/l	Silver as Ag		mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N		mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe		mg/l
Sulfate as SO_4		mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)		mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na		mg/l
Phenols		mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides		mg/l
Base Neutrals		mg/l	Lindane		mg/l
Organochlorine Pesticides		mg/l	Endrin		mg/l
Organophosphorous Pesticides		mg/l	Toxaphene		mg/l
Volatile Organics		mg/l	Methoxyclor		mg/l
PCB's		mg/l	Herbicides		mg/l
Tran 1,2 dichlorothane	77.1	µg/l	2,4-D		mg/l
Trichloroethene	50.6	µg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
Remarks:			Alpha		pCi/l
At 2nd Ave. near Hillwood Apts.			Beta		pCi/l
			Gamma Scan		

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STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Aquadome Ditch	SW 337-739	L. G. Linn, Jr.
Sampling Location	Laboratory Sample Number	Collector
3/10/81	Water	4/8/81
Collection Date	Type Analysis	Date Reported

Middle section of ditch between 2nd and 5th Avenue, SW

Other Sample Information

pH	7.6		Arsenic as As	<.01	mg
Specific Conductance	220	umho/cm	Barium as Ba	<.5	mg
Total Dissolved Solids	219	mg/l	Cadmium as Cd	<.05	mg
Alkalinity, Total as $CaCO_3$	134	mg/l	Chromium as Cr	<.05	mg
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg
Chloride as Cl^-	17.5	mg/l	Mercury as Hg	<.001	mg
Chromate as CrO_4		mg/l	Selenium as Se	<.01	mg
Fluoride		mg/l	Silver as Ag	.05	mg
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg
Nitrate Nitrogen as N	1.53	mg/l	Calcium as Ca		mg
Phosphate as P		mg/l	Copper as Cu		mg
Silica as SiO_2		mg/l	Iron as Fe	.44	mg
Sulfate as SO_4	15.5	mg/l	Magnesium as Mg		mg
Turbidity		JTU	Manganese as Mn		mg
Chemical Oxygen Demand (COD)	44.8	mg/l	Nickel as Ni		mg
Cyanide as CN		mg/l	Potassium as K		mg
Oil and Grease		mg/l	Sodium as Na	15.2	mg
Phenols	<.02	mg/l	Zinc as Zn		mg
Acid Extractables		mg/l	Pesticides		mg
Base Neutrals		mg/l	Lindane		mg
Organochlorine Pesticides		mg/l	Endrin		mg
Organophosphorous Pesticides		mg/l	Toxaphene		mg
Volatile Organics		mg/l	Methoxyclor		mg
PCB's		mg/l	Herbicides		mg
		mg/l	2,4-D		mg
		mg/l	2,4,5-TP		mg
		mg/l	Radioactivity		
			Alpha		pC
Remarks:			Beta		pC
			Gamma Scan		

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
Aquadome S. L. F.	1788, 1774, 1802, (1816)	Ford
Collection Date	**Type Analysis**	**Date Reported**
8-4-81	M. W. #1	11/5/81 4/14/82

Water level from top of pipe 15' 8" Pipe 2' 10" height 12' 10" from ground

Other Sample Information

pH	6.6		Arsenic as As	<.01	mg/l
Specific Conductance		umho/cm	Barium as Ba	1.24	mg/l *
Total Dissolved Solids	552	mg/l	Cadmium as Cd	<.05	mg/l
Alkalinity, Total as $CaCO_3$	324	mg/l	Chromium as Cr	<.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<0.5	mg/l
Chloride as Cl^-	70.0	mg/l	Mercury as Hg	<.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se	<0.01	mg/l
Fluoride		mg/l	Silver as Ag	<.05	mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	<0.04	mg/l	Calcium as Ca		mg/l
Phosphate as P	.2	mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	8.9	mg/l
Sulfate as SO_4	4.0	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	73.9	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	20.5	mg/l
Phenols	<.02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides	Ø	mg/l
Base Neutrals	Ø	mg/l	Lindane	Ø	mg/l
Organochlorine Pesticides		mg/l	Endrin	Ø	mg/l
Organophosphorous Pesticides		mg/l	Toxaphene	Ø	mg/l
Volatile Organics		mg/l	Methoxyclor	Ø	mg/l
PCB's	Ø	mg/l	Herbicides	Ø	mg/l
		mg/l	2,4-D	Ø	mg/l
		mg/l	2,4,5-T	Ø	mg/l
		mg/l	Silvex	Ø	
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

Exceeds Primary Drinking Water Standards

JH

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STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
Aquadome S. L. F.	1789, 1735, 1803, 1817	Ford

Collection Date	Type Analysis	Date Reported
8-4-81	M. W. #2	11/4/81 4/14/82

Water level from top of pipe 15' 9" Pipe height 2' 8" - 13" 1" from ground

Other Sample Information

pH	6.5		Arsenic as As	< .01	mg/l
Specific Conductance		umho/cm	Barium as Ba	0.66	mg/l
Total Dissolved Solids	598	mg/l	Cadmium as Cd	< .05	mg/l
Alkalinity, Total as $CaCO_3$	310	mg/l	Chromium as Cr	< .05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	< 0.5	mg/l
Chloride as Cl^-	100.5	mg/l	Mercury as Hg	< .001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se	< .01	mg/l
Fluoride		mg/l	Silver as Ag	< .05	mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	<0.04	mg/l	Calcium as Ca		mg/l
Phosphate as P	0.2	mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	17.9	mg/l
Sulfate as SO_4	5.5	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	69.8	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	51.7	mg/l
Phenols	< .02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides	Ø	mg/l
Base Neutrals	∠20	mg/l	Lindane	Ø	mg/l
Organochlorine Pesticides		mg/l	Endrin	Ø	mg/l
Organophosphorous Pesticides		mg/l	Toxaphene	Ø	mg/l
Volatile Organics		mg/l	Methoxyclor	Ø	mg/l
PCB's	Ø	mg/l	Herbicides	Ø	mg/l
		mg/l	2,4-D	Ø	mg/l
		/l	2,4,5-T	Ø	mg/l
		mg/l	Silvex	Ø	
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
Aquadome S. L. F.	1790, 1776, 1804, 1818	Linn

Collection Date	Type Analysis	Date Reported
8/4/81	M.W. #3	11/5/81 4/14/82

W L at 7' 4" pipe height 2' 8" 4' 8" from ground

Other Sample Information

pH	10.3		Arsenic as As	∠.01	mg/l
Specific Conductance		umho/cm	Barium as Ba	0.84	mg/l
Total Dissolved Solids	793	mg/l	Cadmium as Cd	∠.05	mg/l
Alkalinity, Total as $CaCO_3$	250	mg/l	Chromium as Cr	∠.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	∠0.5	mg/l
Chloride as Cl^-	215.0	mg/l	Mercury as Hg	∠.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se	∠.01	mg/l
Fluoride		mg/l	Silver as Ag	∠.05	mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	∠0.04	mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	1.4	mg/l
Sulfate as SO_4	48.0	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	99.7	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	176.7	mg/l
Phenols	0.43	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides	Ø	mg/l
Base Neutrals	∠20	mg/l	Lindane	Ø	mg/l
Organochlorine Pesticides		mg/l	Endrin	Ø	mg/l
Organophosphorous Pesticides		mg/l	Toxaphene	Ø	mg/l
Volatile Organics		mg/l	Methoxyclor	Ø	mg/l
PCB's	Ø	mg/l	Herbicides	Ø	mg/l
		mg/l	2,4-D	Ø	mg/l
		mg/l	2,4,5-T	Ø	mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
Aquadome S. L. F.	1805, 1791, 1777, 1819	Ford

Collection Date	Type Analysis	Date Reported
8/4/81	M. W. #4	4/14/82

Water level at 11' 3" pipe height 2' 9", 8' 6" from ground level

Other Sample Information

)H	9.6		Arsenic as As	<.01	mg/l
Specific Conductance		umho/cm	Barium as Ba	0.50	mg/l
'otal Dissolved Solids	933	mg/l	Cadmium as Cd	<.05	mg/l
.lkalinity, Total as $CaCO_3$	64	mg/l	Chromium as Cr	<.05	mg/l
cidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<0.5	mg/l
hloride as Cl^-	220.0	mg/l	Mercury as Hg	<.001	mg/l
hromate as CrO_4		mg/l	Selenium as Se	<.01	mg/l
luoride		mg/l	Silver as Ag	<.05	mg/l
ardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
itrate Nitrogen as N	<0.04	mg/l	Calcium as Ca		mg/l
osphate as P	< .2	mg/l	Copper as Cu		mg/l
.ica as SiO_2		mg/l	Iron as Fe	0.9	mg/l
ilfate as SO_4	44.0	mg/l	Magnesium as Mg		mg/l
irbidity		JTU	Manganese as Mn		mg/l
emical Oxygen Demand (COD)	86.8	mg/l	Nickel as Ni		mg/l
'anide as CN		mg/l	Potassium as K		mg/l
l and Grease		mg/l	Sodium as Na	64.9	mg/l
enols	.10	mg/l	Zinc as Zn		mg/l
id Extractables		mg/l	Pesticides	Ø	mg/l
se Neutrals	<20	mg/l	Lindane	Ø	mg/l
ganochlorine Pesticides		mg/l	Endrin	Ø	mg/l
ganophosphorous Pesticides		mg/l	Toxaphene	Ø	mg/l
latile Organics		mg/l	Methoxyclor	Ø	mg/l
3's	Ø	mg/l	Herbicides	Ø	mg/l
		mg/l	2,4-D	Ø	mg/l
		mg/l	2,4,5-T	Ø	mg/l
		mg/l	Silvex	Ø	
			Radioactivity		
'rks:			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

H-F-SW-3/Rev. 8/81

MONITORING SUMMARY

NAME OF SITE Aquadome PERMIT NUMBER 52-05

LOCATION OF SITE Decatur, Alabama

Morgan County

RESPONSIBLE PERSON Honorable Bill J. Dukes

Mayor, City of Decatur

P. O. Box 488, Decatur, Alabama 35602

CONTACT PERSON See Clyde Mabry or Joel Pugh for keys

TELEPHONE NUMBER 353-3937

DATE OF MONITORING AND SITE CONDITIONS Monitored on 8/11/82 by L. G. Linn and Kenny Hubert under good conditions.

SAMPLING PROCEDURES Four monitoring wells were sampled by bailing and one ditch sample was taken. Sampling protocol includes preservation, labeling, sample handling, and chain of custody as recorded on assigned data cards for every sample submitted to the Environmental Health Administration Laboratory. The samples are logged in a bound book and assigned a laboratory number for future reference to all analyses performed at the laboratory. The results are reported on original data cards for compilation into the attached final sample report.

COMMENTS Monitoring wells scheduled for recheck next year.

hj

ST..E OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

52-05

'quadome	1976, 1994, 2012, 2030, 1963	Linn/Hubert
Sampling Location	Laboratory Sample Number	Collector
8/11/82	Ditch	9/7/82
Collection Date	Type Analysis	Date Reported
63°F clear.	less than 100 gallons/min. minnows present ~~9/13/82~~ DK	

Other Sample Information

H	7.5		Arsenic as As	<.01	mg/l
Specific Conductance	340	umho/cm	Barium as Ba	<.5	mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd	<.05	mg/l
lkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/l
cidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/l
hloride as Cl^-	18.0	mg/l	Mercury as Hg	<.001	mg/l
hromate as CrO_4		mg/l	Selenium as Se		mg/l
luoride		mg/l	Silver as Ag		mg/l
ardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
itrate Nitrogen as N	1.50	mg/l	Calcium as Ca		mg/l
hosphate as P		mg/l	Copper as Cu		mg/l
lica as SiO_2		mg/l	Iron as Fe	.84	mg/l
lfate as SO_4	13.5	mg/l	Magnesium as Mg		mg/l
rbidity		JTU	Manganese as Mn		mg/l
emical Oxygen Demand (COD)	13	mg/l	Nickel as Ni		mg/l
anide as CN		mg/l	Potassium as K		mg/l
l and Grease		mg/l	Sodium as Na	8.4	mg/l
enols	<.02	mg/l	Zinc as Zn		mg/l
id Extractables		mg/l	Pesticides		mg/l
se Neutrals		mg/l	Lindane	<.002	~~mg/l~~ µg/l
ganochlorine Pesticides		mg/l	Endrin	<.009	~~mg/l~~ µg/l
ganophosphorous Pesticides		mg/l	Toxaphene	<.40	~~mg/l~~ µg/l
latile Organics	<10	~~mg/l~~ µg/l	Methoxyclor	<.176	~~mg/l~~ µg/l
B's		mg/l	Herbicides		mg/l
rans 1,2 - dichloroethene	14	~~mg/l~~ µg/l	2,4-D		mg/l
		mg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

marks:

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STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
52-05 Aquadome	1972, 1990, 2008, 2026, 1959	Linn/hubert
Collection Date	**Type Analysis**	**Date Reported**
8/11/82	MW #1	9/7/82
D.T.W. 9'6" - 2'9"	T.D. 27'6"	9/13/82 OK

Other Sample Information

pH	6.2		Arsenic as As	<.01	mg/l
Specific Conductance	800	umho/cm	Barium as Ba	<.5	mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd	<.05	mg/l
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/l
Chloride as Cl^-	44	mg/l	Mercury as Hg	<.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se		mg/l
Fluoride		mg/l	Silver as Ag		mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	.24	mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	<.10	mg/l
Sulfate as SO_4	6.5	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	4	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	35.7	mg/l
Phenols	<.02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides		mg/l
Base Neutrals		mg/l	Lindane	<.002	~~mg/l~~ µg/l
Organochlorine Pesticides		mg/l	Endrin	<.009	~~mg/l~~ µg/l
Organophosphorous Pesticides		mg/l	Toxaphene	<.40	~~mg/l~~ µg/l
Volatile Organics	<10	~~mg/l~~ µg/l	Methoxyclor	<.176	~~mg/l~~ µg/l
PCB's		mg/l	Herbicides		mg/l
		mg/l	2,4-D		mg/l
		mg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

hj

ADPH-F-SW-3/Rev. 8/81

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

Sampling Location	Laboratory Sample Number	Collector
52-05 Aquadome	1973, 1991, 1960, 2027, 2009	Linn/Hubert
Collection Date	**Type Analysis**	**Date Reported**
8/11/82 5:30	MW #2	9/7/82
13'7" - 2'9" to water		9/13/82 OK

Other Sample Information

pH	6.0		Arsenic as As	<.01	mg/l
Specific Conductance	690	umho/cm	Barium as Ba	<.5	mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd	<.05	mg/l
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/l
Chloride as Cl^-	73.0	mg/l	Mercury as Hg	<.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se		mg/l
Fluoride		mg/l	Silver as Ag		mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	.40	mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	39.04	mg/l
Sulfate as SO_4	7.5	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	17	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	55.2	mg/l
Phenols	<.02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides		mg/l
Base Neutrals		mg/l	Lindane	<.002	~~mg/l~~ µg/l
Organochlorine Pesticides		mg/l	Endrin	<.009	~~mg/l~~ µg/l
Organophosphorous Pesticides		mg/l	Toxaphene	<.40	~~mg/l~~ µg/l
Volatile Organics	<10	~~mg/l~~ µg/l	Methoxyclor	<.176	~~mg/l~~ µg
PCB's		mg/l	Herbicides		mg/l
		mg/l	2,4-D		mg/l
		mg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

hj

ADPH-F-SW-3/Rev. 8/81

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

52-05 Aquadome	1974, 1992, 2010, 2028, 1961	Linn/Hubert
Sampling Location	Laboratory Sample Number	Collector
8/11/82	MW #3	9/7/82
Collection Date	Type Analysis	Date Reported
D.T.W. 8'7" - 2'8"	T.D. of 30'	9/13/82 OK

Other Sample Information

pH	11.2		Arsenic as As	<.01	mg/l
Specific Conductance	3,200	umho/cm	Barium as Ba	<.5	mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd	<.05	mg/l
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/l
Chloride as Cl^-	240	mg/l	Mercury as Hg	<.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se		mg/l
Fluoride		mg/l	Silver as Ag		mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	14	mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	.10	mg/l
Sulfate as SO_4	19.0	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	37	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	98.1	mg/l
Phenols	<.02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides		mg/l
Base Neutrals		mg/l	Lindane	<.002	~~mg/l~~ µg/l
Organochlorine Pesticides		mg/l	Endrin	<.009	~~mg/l~~ µg/l
Organophosphorous Pesticides		mg/l	Toxaphene	<.40	~~mg/l~~ µg/l
Volatile Organics	<10	~~mg/l~~ µg/l	Methoxyclor	<.176	~~mg/l~~ µg/l
PCB's		mg/l	Herbicides		mg/l
		mg/l	2,4-D		mg/l
		mg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

hj

ADPH-F-SW-3/Rev. 8/81

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

52-05 Aquadome	1975, 1993, 2011, 2029, 1963	Linn/Hubert
Sampling Location	Laboratory Sample Number	Collector
8/11/82	MW #4	9/7/82
Collection Date	Type Analysis	Date Reported

Other Sample Information

pH	8.4		Arsenic as As	.01	mg/l
Specific Conductance	1200	umho/cm	Barium as Ba	<.5	mg/l
Total Dissolved Solids		mg/l	Cadmium as Cd	<.05	mg/l
Alkalinity, Total as $CaCO_3$		mg/l	Chromium as Cr	<.05	mg/l
Acidity, Total Mineral, as $CaCO_3$		mg/l	Lead as Pb	<.5	mg/l
Chloride as Cl^-	325	mg/l	Mercury as Hg	<.001	mg/l
Chromate as CrO_4		mg/l	Selenium as Se		mg/l
Fluoride		mg/l	Silver as Ag		mg/l
Hardness, EDTA as $CaCO_3$		mg/l	Aluminum as Al		mg/l
Nitrate Nitrogen as N	34	mg/l	Calcium as Ca		mg/l
Phosphate as P		mg/l	Copper as Cu		mg/l
Silica as SiO_2		mg/l	Iron as Fe	6.65	mg/l
Sulfate as SO_4	136.0	mg/l	Magnesium as Mg		mg/l
Turbidity		JTU	Manganese as Mn		mg/l
Chemical Oxygen Demand (COD)	13	mg/l	Nickel as Ni		mg/l
Cyanide as CN		mg/l	Potassium as K		mg/l
Oil and Grease		mg/l	Sodium as Na	100.3	mg/l
Phenols	<.02	mg/l	Zinc as Zn		mg/l
Acid Extractables		mg/l	Pesticides		mg/l
Base Neutrals		mg/l	Lindane	<.002	~~mg/l~~ µg/l
Organochlorine Pesticides		mg/l	Endrin	<.009	~~mg/l~~ µg/l
Organophosphorous Pesticides		mg/l	Toxaphene	<.40	~~mg/l~~ µg/l
Volatile Organics	<10	~~mg/l~~ µg/l	Methoxyclor	<.176	~~mg/l~~ µg/l
PCB's		mg/l	Herbicides		mg/l
Trans. 1.2 - dichloroethene	14	~~mg/l~~ µg/l	2,4-D		mg/l
		mg/l	2,4,5-T		mg/l
		mg/l	Silvex		
			Radioactivity		
			Alpha		pCi/l
			Beta		pCi/l
			Gamma Scan		

Remarks:

hj

ADPH-F-SW-3/Rev. 8/81

February 23, 1983

Mr. Joel Pugh
City Engineer
P.O. Box 488
Decatur, Alabama 35602

Dear Mr. Pugh:

Attached are laboratory reports of water samples collected from the monitoring wells at the Aquadome and the old Moulton Road landfill. You will note the presence of dichloroethene in well 4 and the drainage ditch at the Aquadome.

If you have any questions on the reports, give me a call.

Sincerely,

Jack Roneycutt, Chief, Solid Waste Section
Land Program

JH:cc

Enclosures

cc Ms. Patsy Hardman w/enclosures
Morgan County Health Department

Soil Boring Exploration

REFERENCE NO. 12

CLIENT

City of Decatur
% Mabry Engineering Company, Inc.
P.O. Box 261
Decatur, Alabama 35602

PROJECT:

Old Landfill Closure
(Aquadome Landfill)
Decatur, Alabama

REPORTING
COPIES TO:

(2) Above
Attention: Mr. Joel N. Pugh

(2) File

( )

( )

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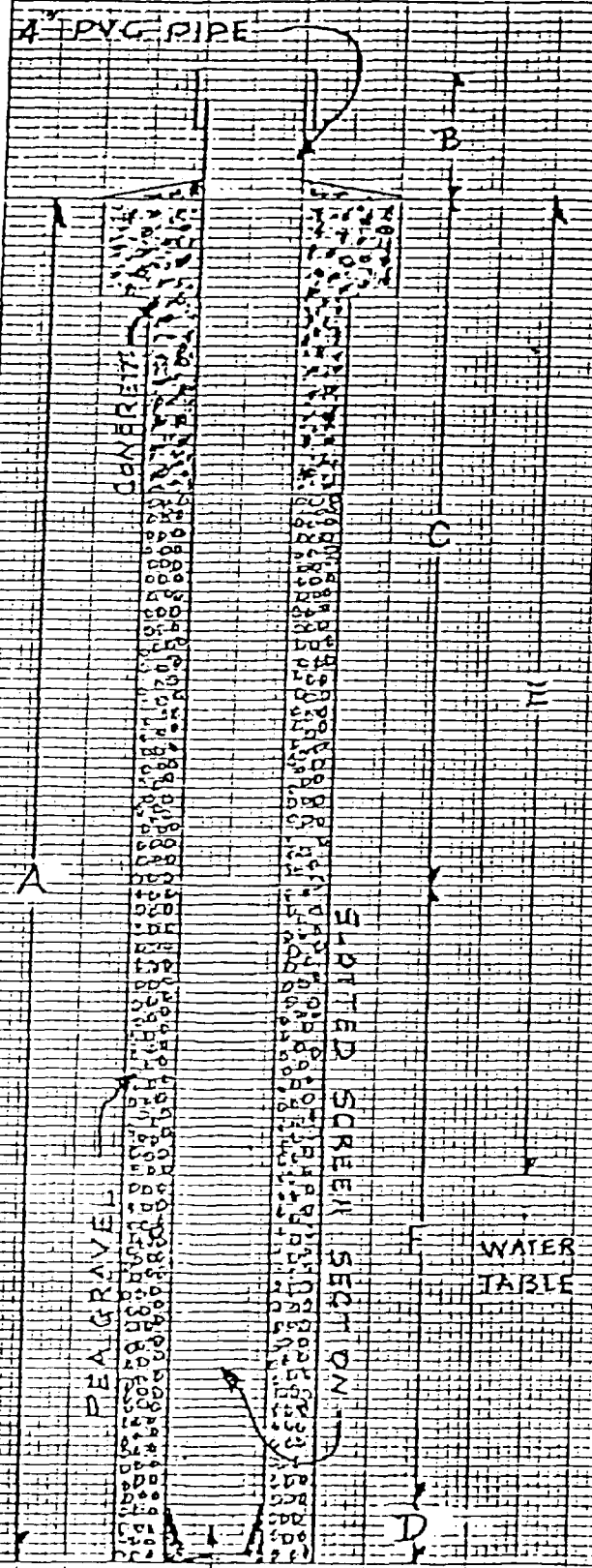
TESTING
P.O BOX 1087 • DECATUR, ALABAMA 35601

JOB NUMBER: 81-41

REPORT DATE: August 12, 1981

SHALLOW MONITORING WELLS



WELL NO.	A	B	C	D	E	F
1	38.0	3.0	13.0	5.0	11.5	20.0
2	30.0	3.0	5.0	5.0	3.6	20.0
3	30.0	3.0	5.0	5.0	8.7	20.0
4	25.5	3.0	5.5	5.0	10.6	15.0

TESTING
P.O. BOX 1087 • DECATUR, ALABAMA 35601

Boring No. B-1

Job No. 81-41

CLIENT: City of Decatur, % Mabry Engineering Co., Inc., P.O. Box 261, Decatur, AL 35602

PROJECT LOCATION: Old Landfill Closure (Aquadome Landfill), Decatur, Alabama

BORING LOCATION: Parking Lot, North Side, Center (North Side of Property)

TYPE OF DRILLING
Standard _____ ft.
Rock _____ ft.
Auger 38.0 ft.

Completion Depth 38.0 Ft.
Depth to Water in Boring @ Drilling 17.0 Ft.
Depth to Water in Boring 72 hrs. 11.5 Ft.
Elevation Ft. _____

Date: July 1, 1981
Weather: Cloudy & Humid
Driller: B. Butler

DEPTH FT.	SYMBOL	SAMPLES	Shelby Tube and/or Water Tbl.	SAMPLE NO.	DESCRIPTION OF MATERIAL	HYDRAULIC PRESSURE PSI	CORING RATE FT. PER HR.	RECOVERY %	PPR	N	W
					Topsoil - Grass, asphalt & gravel						
					Red Silty Clay						
10			▽		Gray yellow & red silty clay w/soft stone						
					Brownish red silty clay w/limestone, gravel & soft stone						
20					Gray, yellow & brown medium plastic clay w/dense soft stone & limestone weathered rock						
					Gray, yellow & brown medium plastic clay w/dense limestone weathered rock						
30					Refusal - probably rock or boulder						
40											

REMARKS: _____

TESTING
P O BOX 1087 • DECATUR, ALABAMA 35601

Boring No. B-2

Job No. 81-41

CLIENT: City of Decatur, % Mabry Engineering Co., Inc., P.O. Box 261, Decatur, AL 35602

PROJECT LOCATION: Old Landfill Closure (Aquadome Landfill), Decatur, Alabama

BORING LOCATION: Between Ball Field (Bill Nabors) and Ditch

TYPE OF DRILLING
Standard _____ ft.
Rock _____ ft.
Auger 30.0 ft.

Completion Depth 30.0 Ft.
Depth to Water in Boring @ Drilling _____ Ft.
Depth to Water in Boring 72 hrs. 3.6 Ft.
Elevation Ft. _____

Date: July 1, 1981
Weather: Cloudy & Humid
Driller: B. Butler

DEPTH FT.	SYMBOL	SAMPLES	Shelby Tube and/or Water Tbl.	SAMPLE NO.	DESCRIPTION OF MATERIAL	HYDRAULIC PRESSURE PSI	CORING RATE FT. PER HR.	RECOVERY %	PPR	N	W
					Grass line & topsoil						
			▽		Yellow silty clay						
					Brown & gray silty clay w/soft stone						
					Gray sandy silt						
10					Gray & yellow medium plastic clay w/dense soft stone						
20											
					Gray & yellow medium plastic clay w/dense layers of weathered rock						
30					Refusal - probably rock or boulder						

REMARKS: _____

TESTING INCORPORATED
P.O. BOX 1087 • DECATUR, ALABAMA 35602

Boring No. B-3
Job No. 81-41

CLIENT: City of Decatur, % Mabry Engineering Co., Inc., P.O. Box 261, Decatur, AL 35602
PROJECT LOCATION: Old Landfill Closure (Aquadome Landfill), Decatur, Alabama
BORING LOCATION: Between Ball Fields

TYPE OF DRILLING
Standard _____ ft.
Rock _____ ft.
Auger 30.0 ft.

Completion Depth 30.0 Ft.
Depth to Water in Boring @ Drilling _____ Ft.
Depth to Water in Boring 72 hrs. 8.7 Ft.
Elevation Ft. _____

Date: July 2, 1981
Weather: Cloudy & Humid
Driller: J. Montgomery

DEPTH FT.	SYMBOL	SAMPLES	Shelby Tube and/or Water Tbl.	SAMPLE NO.	DESCRIPTION OF MATERIAL	RECOVERY %	PPR	N	W
					Rubble fill silts & clays				
10			▽		Gray & yellow highly plastic clay				
20					Yellow highly plastic clay w/soft stone				
30					Yellow highly plastic clay w/dense soft stone				
					Refusal - probably rock or boulder				
40									

REMARKS: _____

TESTING INCORPORATED
P.O. BOX 1087 • DECATUR, ALABAMA 35602

Boring No. B-4

Job No. 81-41

LIENT: City of Decatur, % Mabry Engineering Co., Inc., P.O. Box 261, Decatur, AL 35602

ROJECT OCATION: Old Landfill Closure (Aquadome Landfill), Decatur, Alabama

ORING LOCATION: Front of School, S.W. Corner

TYPE OF DRILLING

ondard _____ ft.

ck _____ ft.

ser 25.5 ft.

Completion Depth 25.5 Ft.

Depth to Water in Boring @ Drilling _____ Ft.

Depth to Water in Boring 72 hrs. 10.6 Ft.

Elevation Ft. _____

Date: July 2, 1981

Weather: Cloudy & Humid

Driller: J. Montgomery

DEPTH FT.	SYMBOL	SAMPLES	Shelby Tube and/or Water Tbl.	SAMPLE NO.	DESCRIPTION OF MATERIAL	RECOVERY %	PPR	N	W
					Topsoil				
					Yellow & red sandy silty clay				
10			▽		Yellow highly plastic clay w/soft stone				
					Yellow highly plastic clay w/dense soft stone				
20					Gray & yellow highly plastic clay w/dense soft stone				
					Yellow cherty clayey muck				
					Refusal - probably rock or boulder				
30									
40									

REMARKS: _____

REFERENCE NO. 13

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: December 9, 1991 December 9, 1991
TIME: 15:30

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Chip Stewart
TITLE Environmental Engineer
PHONE NO. (404) 347-3433
ORGANIZATION U.S. EPA, RCRA Permitting Section
ADDRESS Atlanta, Georgia

GENERAL SUBJECT: RCRA status of Aquadome Landfill

CONVERSATION SUMMARY: Chip Stewart stated that Aquadome Landfill was not on the RCRA list. Chip suggested I call Ana Torgrimson in the RCRA Compliance Section to see if any RCRA enforcement action had been taken with Aquadome Landfill.

Note: I called Ana Torgrimson, State of Alabama Coordinator, RCRA Compliance Section, at (404) 347-7603, on December 10, 1991. She did not find any kind of RCRA action taken in regards to a site called Aquadome Landfill. She stated that this was probably due to the fact that the landfill had been closed since 1964.

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE: AL | 02 SITE NUMBER: ~~D980556047~~

II. SITE NAME AND LOCATION DECATUR MUNICIPAL LANDFILL ALD 980495782

01 SITE NAME (Legal, common, or descriptive name of site): FRUEHAUF CORP. SANITARY LDFL. DEER OLD DECATUR LANDFILL SITE - SPRINGS RD

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: DEER SPRINGS ROAD (HWY 31 SOUTH)

03 CITY: FLINT | 04 STATE: AL | 05 ZIP CODE: 35601 | 06 COUNTY: MORGAN | 07 COUNTY CODE: 103 | 08 CONG DIST: 05

09 COORDINATES LATITUDE: 34 30 24 | LONGITUDE: 086 58 24

10 DIRECTIONS TO SITE (Starting from nearest public road): TAKE HIGHWAY 31 SOUTH TO RUSSELL'S JUNKYARD. TURN RIGHT. LANDFILL IS ON LEFT.

III. RESPONSIBLE PARTIES

01 OWNER (If known): MORGAN COUNTY | 02 STREET (Business, mailing, residential):

03 CITY: | 04 STATE: | 05 ZIP CODE: | 06 TELEPHONE NUMBER: (205) 353-1092

07 OPERATOR (If known and different from owner): CITY OF DECATUR | 08 STREET (Business, mailing, residential): P.O. BOX 488

09 CITY: DECATUR | 10 STATE: AL | 11 ZIP CODE: 35602 | 12 TELEPHONE NUMBER: (205) 353-1092

13 TYPE OF OWNERSHIP (Check one)
☐ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☒ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☒ YES DATE __/__/__ (MONTH DAY YEAR)
☐ NO

BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☒ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER: _____ (Specify)

CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
☐ A. ACTIVE ☒ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
1973 (BEGINNING YEAR) | 1980 (ENDING YEAR) ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
SUPERFUND NOTIFICATIONS FOR OILY SLUDGE AND POTENTIALLY HAZARDOUS F019 SLUDGE FROM LAGOON. PHENOLS HAVE BEEN FOUND IN LEACHATE. ELECTROPLATING SLUDGE.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
THIS SITE HAS BEEN CLOSED AND IS BEING INSPECTED BY ADEM SOLID WASTE. IN JULY 1984 THIS SITE WAS INSPECTED BY EPA AND NO FURTHER ACTION WAS INDICATED. THIS SITE HAS A HISTORY OF LEACHATE PROBLEMS AND CONTAMINATION. IT APPEARS THAT HAZARDOUS WASTE HAS GONE INTO THIS LANDFILL. EVALUATION OF THE MONITORING REQUIREMENTS IS RECOMMENDED SO ANY FUTURE PROBLEMS CAN BE DETECTED

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection time available basis) ☒ D. NONE (No further action needed, complete current disposition form) SEE INDUSTRIAL NARRATIVE

VI. INFORMATION AVAILABLE FROM

01 CONTACT: STEVE MAURER SUM | 02 OF (Agency/Organization): ADEM | 03 TELEPHONE NUMBER: (205) 271-7728

04 PERSON RESPONSIBLE FOR ASSESSMENT: DONALEA DINSMORE | 05 AGENCY: | 06 ORGANIZATION: EPS | 07 TELEPHONE NUMBER: (601) 922-8242 | 08 DATE: 10/11/84 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES *(Check all that apply)*

- ☐ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ *(Specify)*
- E. SLURRY
- F. LIQUID
- G. GAS

02 WASTE QUANTITY AT SITE
(Measures of waste quantities must be independent)

TONS _____

CUBIC YARDS _____

NO. OF DRUMS _____

03 WASTE CHARACTERISTICS *(Check all that apply)*

- A. TOXIC
- B. CORROSIVE
- C. RADIOACTIVE
- D. PERSISTENT
- E. SOLUBLE
- F. INFECTIOUS
- G. FLAMMABLE
- H. IGNITABLE
- I. HIGHLY VOLATILE
- J. EXPLOSIVE
- K. REACTIVE
- L. INCOMPATIBLE
- M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES *(See Appendix for most frequently cited CAS Numbers)*

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS *(See Appendix for CAS Numbers)*

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

ADEM FILES AND STAFF. CONVERSATION WITH FRANK COULTER OF DECATUR SANITATION DEPT.

EPA FORM 2070-12 (7-81)

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
EPS FORM 3012-III

INDUSTRIAL NARRATIVE SHEET

1. Site Identification:

Site number: ALD980556047

Site name: Fruehauf Corp. Sanitary Landfill

Site county: Morgan

2. Industrial Narrative Summary:

Company Name: City of Decatur

Address: P. O. Box 488
Decatur, AL 35602

Telephone No.: 205/353-1092

Contact: Frank Coulter

Discussion: The EPA identified this site as the Fruehauf Disposal Site in Flint, AL. On investigation, it was determined that this site is actually one of the Decatur municipal landfills, specifically the Deer Springs Road Landfill. Theis landfill is also listed on Erris with the ID# ALD980495782. An assessment of this site was done in 1979 and EPA did an inspection in July of 1984. In 1981, both Monsanto and Fruehauf reported that hazardous wastes had been disposed in this landfill via a Superfund notification. In addition, upon examining the files for this site, it was also determined that Prestolite had been given permission to dispose of electroplating wastes at this site. Several companies in the area had used the Old Moulton Road Landfill for disposal of liquid wastes but this disposal was ordered to stop when they began operations on Deer Springs Road. Wolverine used the landfill for some sludge material and there was no indication that this was stopped. A conversation with the landfill operator indicated that they continued to use Deer Springs Road, but the nature of the material disposed was unknown. In 1981, there were several drums of material near the monitoring wells at the site. These drums were found to contain high levels of chromium and were removed from the site. Ther area has been covered and seeded. The origin of this material was not determined. Leachate samples taken at the time indicated that chromium was present.

This site has a history of leachate problems. At one time phenols were detected in the leachate (10.7 ppm). The current landfill operator indicates that a solution to the leachate problem has not been found. This landfill was closed in 1980.

3. Disposition:

As this site was recently inspected by EPA and given a no further action rating, it is believed that another site inspection is not warranted at this time. ADEM has regulated this site and continues to monitor and inspect the property. No additional waste is entering the site at this time. In light of the reports that hazardous wastes have been placed in this landfill it is recommended, however that the monitoring program for this site be evaluated and modified if necessary to give an indication if hazardous materials are leaching from the site and entering the groundwater. Continuing leachate problems need to be addressed both from the hazardous waste standpoint and from the public muisance standpoint.

4. Comments:

REFERENCE NO. 15

R/4 "Prestolite

December 3, 1976

Mr. Paul Ridgeway
Plant Engineer
Prestolite Electrical Division
Decatur, Alabama 35601

Dear Mr. Ridgeway:

This is in response to your letter of November 30, 1976, and accompanying analysis from Bio-Chem on sludge waste generated at your plant in Decatur, Alabama.

We see no problem in disposing of this sludge at the Decatur landfill and we are therefore granting approval under the following condition:

1. That only dryed sludge from the Electro Plating process be disposed of in this site. Any other chemical or toxic waste must have prior approval before disposal.

2. That a routine chemical analysis of the sludge be made and submitted to this office. This should be at least every six months.

3. That the sludge is disposed of in the dewatered state. Under no circumstances will liquid waste be hauled to this site for disposal.

4. That the backlog of drummed sludge be landfilled in a separate location on the site from municipal refuse. The landfill operator may also require that you bring only a few drums at a time until all the stockpiled waste is disposed of. Daily accumulations of this sludge can then be mixed with municipal refuse for normal landfilling.

You realize that this approval is not an assurance that the City of Decatur will accept this sludge waste. I suggest that you contact the City and the Tri-County Health Department again on the possibility of disposing of this sludge at the Decatur landfill.

If you have any questions or if we can assist you further, please

contact us.

Yours very truly,

A. S. Chipley, Director
Division of Solid Waste & Vector Control
Environmental Health Administration

ASC/eh

cc: Tri-County District Health Service

Mr. Frank Coulter
Landfill Superviser
City of Decatur
Decatur, Alabama

Mr. Dan Cooper
Alabama Water Improvement Commission

REFERENCE NO. 16

Wolverine Tube Division
P. O. Box 2202 · Decatur, Alabama 35602
Telephone 205·353-1310

October 25, 1972

Mr. Thomas H. Pardee
Environmental Health Director
Morgan County Health Department
P. O. Box 850
Decatur, Alabama 35601

Dear Mr. Pardee:

As noted in our letter of September 21, 1972, we have discontinued the disposal of liquid waste at the Decatur landfill. Our total liquid waste is approximately 500 gallons per day made up of the following:

Dilute soap solution - This is a water solution of soap made from fatty oils with emulsifying agents and is generally considered non-toxic...20%.

A mixture of trichlorethylene and oil, the oil generally considered non-toxic...14%.

A mixture of petroleum distallates containing 10 to 20% oils generally considered to be non-toxic...33%.

A floating oil approximately 80% and petroleum oil 20% considered high in molecular weight oils with vegetable and animal fat with the oils. This is generally considered non-toxic...32%.

Manually we remove a high solids water sludge which contains less than 1% of metal hydroxides and sulfates and over 99% precipitated lime. This material is considered to be non-toxic and usable as an agricultural soil conditioner.

We will advise you by November 15 of the private agencies or other methods that will be used to dispose of this material.

Yours very truly,

WOLVERINE TUBE DIVISION

A. E. Nash
Plant Manager

ac

STATE OF ALABAMA HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH ADMINISTRATION
DIVISION OF SOLID AND HAZARDOUS WASTE

REFERENCE NO. 17

Deer Springs SLF, Morgan County	SW-662	L. G. Linn, Jr.
Sampling Location	Laboratory Sample Number	Collector
February 19, 1981	Solid from Drum	March 20, 1981
Collection Date	Type Analysis	Date Reported

Drum partially buried near Monitoring Well #3 Drum labeled Red Oxide – Zinc Chromate

Other Sample Information

pH		Arsenic as As	mg/l
Specific Conductance	umho/cm	Barium as Ba	mg/l
Total Dissolved Solids	mg/l	Cadmium as Cd	mg/l
Alkalinity, Total as $CaCO_3$	mg/l	Chromium as Cr	11.97 mg/ g
Acidity, Total Mineral, as $CaCO_3$	mg/l	Lead as Pb	mg/l
Chloride as Cl^-	mg/l	Mercury as Hg	mg/l
Chromate as CrO_4 10,750 ppm or	10.75 mg/ gram dry	Selenium as Se	mg/l
Fluoride	mg/l	Silver as Ag	mg/l
Hardness, EDTA as $CaCO_3$	mg/l	Aluminum as Al	mg/l
Nitrate Nitrogen as N	mg/l	Calcium as Ca	mg/l
Phosphate as P	mg/l	Copper as Cu	mg/l
Silica as SiO_2	mg/l	Iron as Fe	mg/l
Sulfate as SO_4	mg/l	Magnesium as Mg	mg/l
Turbidity	JTU	Manganese as Mn	mg/l
Chemical Oxygen Demand (COD)	mg/l	Nickel as Ni	mg/l
Cyanide as CN	mg/l	Potassium as K	mg/l
Oil and Grease	mg/l	Sodium as Na	mg/l
[illegible]	mg/l	Zinc as Zn	mg/l
	mg/l	Pesticides	mg/l
	mg/l	Lindane	mg/l
	mg/l	[illegible]	
	mg/l	[illegible]	

REFERENCE NO. 18

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION IV, ATHENS, GEORGIA

DATE: AUG 24 1987

SUBJECT: Aquadome Site, Decatur, Alabama, Site Inspection Report

FROM: Barbara Hansen Benoy BHB
Hazardous Waste Section

SEP 01 RECD

TO: Ray Strickland
Site Control Unit
Emergency Response and Control Section
Superfund Branch

THRU: M. D. Lair, Chief
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

M. D. Lair

Please find the final site inspection report on the Aquadome Site enclosed. This submittal should complete all requirements of ESD Project No. 87-069. Please contact me if you have any questions regarding this submittal.

Attachment

cc: Lair/Mundrick

SITE INSPECTION
AQUADOME SITE
DECATUR, ALABAMA
ESD Project No. 87-069

INTRODUCTION

During the week of December 10, 1986, a site inspection was conducted at the Aquadome Site in Decatur, Alabama. The field crew consisted of Barbara Hansen Benoy, Pat Boyle, and Keith Bellville of the U.S. Environmental Protection Agency (EPA), Environmental Services Division (ESD), Hazardous Waste Section (HWS). The study was requested by Ray Strickland of the Emergency Response Branch, US-EPA Atlanta Regional Office. Ray Strickland accompanied the field crew on site during part of the study.

SITE DESCRIPTION AND HISTORY

The Aquadome Site is located in Decatur, Morgan County, Alabama as shown in Figure 1. The site is approximately 40 acres in size and was operated formerly as a landfill. Brookhaven Middle School and Aquadome Park now occupy the property. Figure 2 displays the current structures on site. Surface drainage and water from a spring flow through a ditch located in the center of the site in an easterly direction into Dry Branch Creek and eventually drain into the Tennessee River. The ditch is partially lined with concrete and is vegetated with grass along the slopes. Erosion has exposed rubbish at places along the ditch; leachate points were observed at four distinct locations either by percolating water or discolored soil. There are many depressed areas throughout the site where settling of the landfill has occurred.

The landfill was owned and operated by the City of Decatur for approximately 20 years. The operation was closed in 1964; there is no indication that a cap was installed. In 1969, Brookhaven Middle School was under construction and a methane gas monitoring system was installed in the school basement. A ground water monitoring system was established with the placement of 4 monitor wells, (locations are shown in Figure 3). The ground water and surface water are tested periodically by the State of Alabama Health Department.

The Region IV Field Investigation Team (NUS Corporation), conducted a site sampling investigation during the week of April 22, 1985. FIT reported high levels of copper, nickel, lead, and zinc throughout the site. Several soil/sediment samples were characterized as containing toluene, bis(2-ethylhexyl)phthalate, dieldrin, and chlordane. Toluene was the only organic compound detected in ground water samples. Di-, tri-, and tetra-chloroethenes were frequently identified in surface water and leachate samples.

OBJECTIVES

The Hazardous Waste Section was requested to resample the surface drainage system and the ground water monitoring system. The primary objective was to determine if a direct contact hazard exists at the school or park since the

Aquadome Site is highly populated at times; a secondary objective was to determine if ground water contamination exists. Ground water is not used for potable water in the vicinity of the site.

SAMPLING LOCATIONS

A total of 15 environmental samples were collected. Four samples were obtained from the existing ground water monitoring system; monitor wells are coded MW-1 through MW-4. The remaining 11 samples were collected along the surface water drainage system that flows through the site. Both upstream and downstream water and sediment samples were obtained; one spring water sample was collected from the eastern portion of the drainage. This spring is routed through a pipe and discharges into the drainage ditch. The origin of the spring is not known. Four leachate points were identified; two were sampled for water and sediment, and two were sampled for sediment only. Sample codes and descriptions are provided in Table 1 and are depicted on Figure 3.

SUMMARY OF ANALYTICAL RESULTS

Much of the contamination present was detected in sediment or surface water samples, including the spring sample, upstream from the site. This is especially true of pesticides. Though some of the organic contamination was detected only in sediment samples collected from leachate points, the majority of the surface water (and corresponding sediment) contamination cannot be attributed solely to the Aquadome Site. However, there is also evidence that high levels of copper have leached from the fill, as the metals data indicate. Evidence of contamination of the drainage ditch exists, both for water and sediment. The drainage ditch is presently readily accessible.

Analyses of the ground water samples indicated low levels of organic contamination; all concentration values were qualified as estimates and/or presumptive evidence of material. Low levels of chromium and nickel were identified in ground water; trace levels of cyanide were also detected. These above mentioned inorganic compounds were either not detected elsewhere at the site, or did not appear in significant concentrations to establish patterns of contamination.

ANALYTICAL RESULTS

Ground Water Samples

Four onsite monitor wells were sampled, the locations of which are shown on Figure 3. The analytical data generated on ground water samples are provided in Tables 2 and 3. The results of the inorganic analysis identified the presence of eleven metals in all 4 ground water samples. These metals and the ranges of concentrations (in ug/l) are tabulated below.

Barium	130	-	410
Strontium	61	-	690
Titanium	51	-	240
Vanadium	12	-	52
Zinc	25	-	440
Aluminum	5300	-	26,000
Manganese	1200	-	6400
Calcium	22,000	-	220,000
Magnesium	6800	-	15,000
Iron	20,000	-	120,000

Chromium and yttrium were detected in 3 of the monitor wells, MW-1, MW-2, and MW-3; the concentrations ranged from 10 to 42 ug/l and 13 to 43 ug/l, respectively.

Cobalt was detected in monitor well MW-2; the concentration was estimated at 40 ug/l. Nickel was identified in MW-3 at a concentration of 22 ug/l. Cyanide was detected in one ground water sample, MW-1, at a concentration of 300 ug/l. For consistency, all inorganic data concentrations for water samples are presented in ug/l in the text of this report; laboratory report sheets and tables present some concentrations in mg/l.

Vinyl chloride, and cis- and trans-1,2-dichloroethene were detected in well MW4. Chlorobenzene was detected in well MW-2; isopropyl ether was identified in well MW-3. All concentrations were reported as estimates on the data report sheet. No volatile organic compounds were detected in the ground water sample collected from well MW-1.

Eight extractable compounds were identified. Caprolactam was detectec in wells MW-1, MW-3, and MW-4 and ranged in concentration from 2 to 30 ug/l; butoxyethanol was detected in wells MW-1 (2ug/l) MW-3 (1 ug/l); ethylmethylbenzenesulfonamide was identified in both wells MW-2 and MW-3; concentrations were 3 and 5 ug/l respectively. Three additional compounds were detected in well MW-2; these were benzothiazolone, cyclohexyl-methylbenzenesulfonamide and tri(butoxyethanol)phosphate. Methylheptadecanoic acid, methyl ester was detected in well MW-3. Unidentified extractable compounds that were detected in ground water samples are indicated in Table 2.

Surface Water Samples

The surface water that flows through the site was sampled at five locations along the flow pattern. All sample locations are shown on Figure 3; analytical data are provided in Tables 2 and 3. Five metals were detected in each of the surface water samples; these metals and the corresponding concentration ranges (in ug/l) are tabulated below.

Barium	34	-	72
Strontium	42	-	110
Manganese	34	-	140
Calcium	21,000	-	65,000
Magnesium	2100	-	3400

The following metals were found in all surface water samples except for the sample collected from the spring, sample SW, that empties into the drainage ditch on the west portion on the site.

Zinc	22	-	120
Aluminum	210	-	8400
Iron	280	-	6900

Titanium and vanadium were identified in leachate number 3 and number 4 water samples; coded L3W and L4W respectively. Sodium was detected in all samples except leachate number 3; concentrations ranged from 3800 to 8600 ug/l. Copper was found present at 260 ug/l in leachate number 3.

All organic compounds detected in both upstream and downstream samples were found at higher concentrations in the sample collected from the upstream location. Results of the organic analyses for water samples are presented in Table 2. Specific discussion of results is presented below.

Nine volatile organic compounds were detected in the surface water samples. Chloroform was detected in the upstream and downstream water samples and in the spring water samples; concentrations were reported as estimates. Benzene, toluene, and xylenes were identified in both the upstream and downstream water samples; concentrations were reported as estimates. Ethyl benzene was found present only in the upstream water samples. The remaining two compounds reported, vinyl chloride and carbon disulfide, were found only in the downstream water sample. No volatile organic compounds were detected in either of the leachate water samples.

Three extractable organic compounds were detected in the surface water samples. Butoxyethanol was detected in both upstream and downstream water samples and from the spring water samples. Benzothiazolone was identified in the upstream and downstream water samples the upstream and downstream water samples. Bis(2-ethylhexyl)phthalate was detected in leachate number 3, sample code L3W.

Three pesticide compounds were present in surface water samples. Dieldrin was detected in the upstream and downstream water samples and in the spring water samples; concentrations ranged from 0.057 to 0.094 ug/l. Heptachlor epoxide was found present in both the spring water and in the downstream water samples. 1-Hydroxychlordene was identified in the downstream water samples only. No pesticides were detected from water samples collected at leachate points.

Sediment Samples

Six sediment samples were collected from the drainage ditch area. These included upstream and downstream sediments, and four separate leachate sediments. Analytical data are provided in Tables 4 and 5. The results of the inorganic analysis identified ten metals in all sediment samples; these are presented below with concentration ranges in mg/kg.

Chromium	8.4	-	240
Copper	20.0	-	93,000
Lead	14.0	-	550
Titanium	28.0	-	100
Zinc	41.0	-	7900
Aluminum	870.0	-	40,000
Manganese	49.0	-	560
Calcium	1500.0	-	160,000
Magnesium	320.0	-	9600
Iron	5600.0	-	52,000

Barium and nickel were found in all sediment samples except the downstream sediment; concentrations ranged from 30 to 840 ug/kg, and 6.0 to 380 ug/kg, respectively. Strontium and vanadium were detected in all sediment samples except the sediment from leachate number 3. Concentrations ranged from 4.4 to 160 ug/kg, and 9.0 to 52 ug/kg respectively.

Yttrium was detected at 4 locations: leachate number 1, (sample L1), leachate number 2, (sample L2), leachate number 4, (sample L4), and in the upstream sediment, (sample UDS). Cyanide was identified in both upstream and downstream sediments, and in leachate samples numbers 1 and 3, coded L1 and L3, respectively

Cyanide and most of the detected metals were reported at highest concentrations in sample L3 which was collected from leachate point number 3. In comparing upstream concentrations to downstream concentrations, the majority of inorganic constituents were found at higher concentrations in the upstream samples. The exceptions were copper, strontium, calcium, and magnesium.

The results of the volatile organic analysis revealed the presence of ethyl benzene, toluene, and xylene in the upstream sediment sample. Ethyl benzene was not detected in any other sediment. Toluene was also detected in L1 and in L3 ; xylene was identified in L3. Additional volatile compounds detected in L3 were bromodichloromethane, acetone and some unidentified alkylhydrocarbons. 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene and tetrachloroethene were detected only in sediment sample L1. Leachate number 2 was determined to contain some unidentified alkylhydrocarbons but no specific compounds were reported. No volatile organic compounds were detected in either the downstream sediment sample or in the sediment collected from leachate point number 4.

Hexadecanoic acid was detected in all sediment samples by the extractable organic analysis. Ten additional compounds were identified in the upstream sediment; these are phenanthrene, fluoranthene, pyrene, benzo(A)anthracene, chrysene, benzo(B and/or K)fluoranthene, benzo-A-pyrene, tetradecanoic acid, octadecanoic acid, and methyl fluoranthene. Octadecanoic acid was also identified in sediments collected from leachate points numbers 1, 2, and 3, sample codes L1, L2, and L3; tetradecanoic acid was detected in leachate

sediment samples L2 and L3. Both leachate number 2 and leachate number 3 contained differing isomers of alkylbenzenes. C3 alkyl-naphthalene was detected in L3. Naphthalene was present in L2; bis(2-ethyl-hexyl)-phthalate was identified in L1.

The results of the pesticides analysis determined the presence of eleven pesticides in sediment samples with a majority being determined in both the upstream and downstream locations. Those pesticides determined in both upstream and downstream sediment samples are presented with concentration ranges (in ug/kg) below.

Heptachlor epoxide	6.6J	-	16
Dieldrin	16.	-	40
4,4'-DDD	5.8	-	13
Gamma-chlordane	176.	-	59
Alpha-chlordane	9.4	-	36

With the exception of DDD, the greater concentrations were present in the sediment sample collected from the upstream location, UDS. Three pesticides were detected solely in UDS; these were 4,4'-DDT, 4,4'-DDE, and cis-nonachlor. Pesticides found solely in DS, the downstream sediment, were alpha-BHC, beta-BHC, and delta-BHC. Only one leachate location indicated the presence of pesticides; leachate number 1 contained both heptachlor epoxide and 4,4'-DDE.

METHODOLOGY

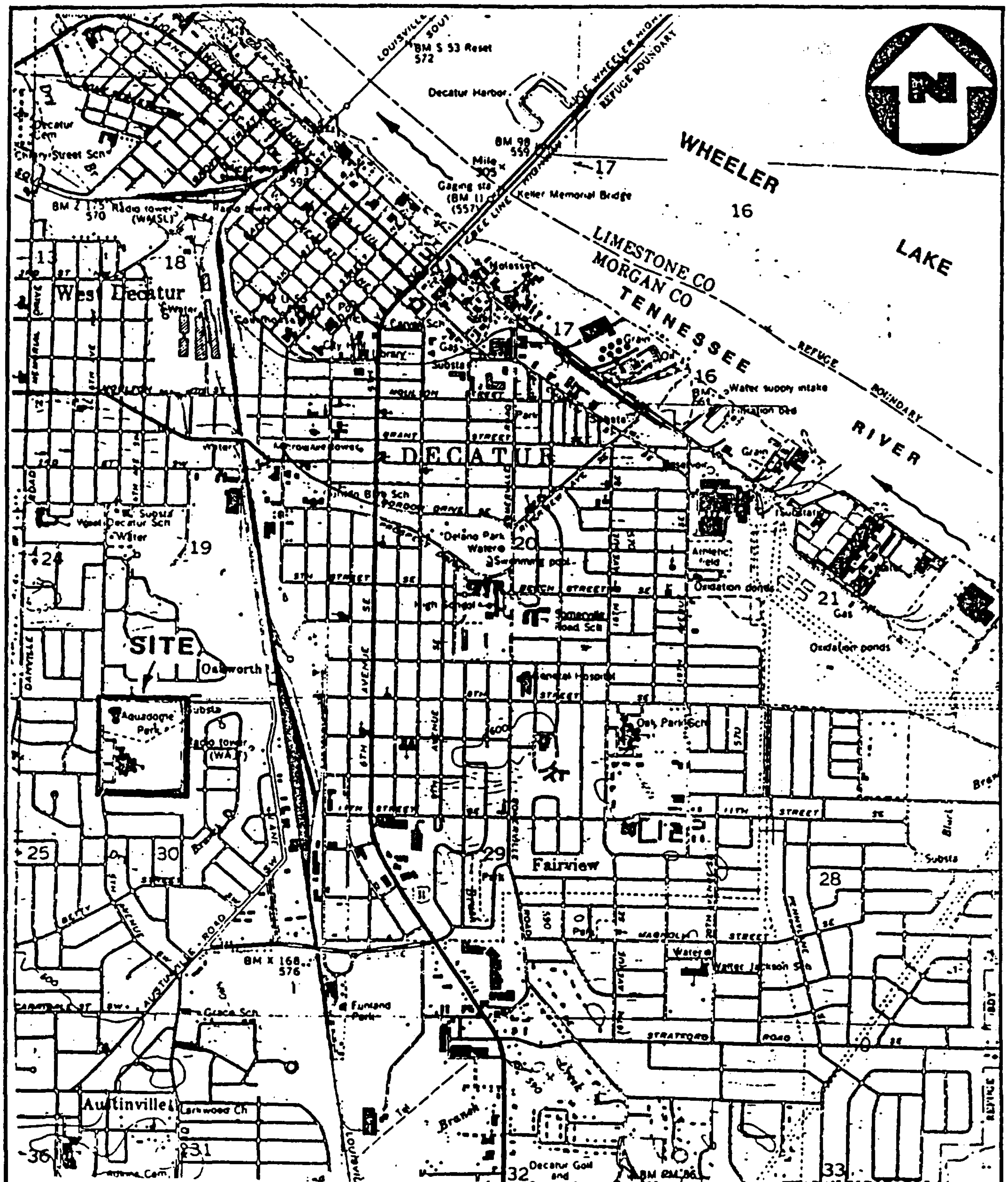
All aspects of this study were performed in accordance with the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual, April 1, 1986. All sample analysis was conducted using EPA standard methods and in accordance with the Analytical Support Branch Operations and Quality Control Manual, June 1985.

Table 1
Aquadome Site
Decatur, Alabama
Sample Codes and Descriptions

UDW (water) UDS (sediment)	Upstream water and sediment samples collected west of the site prior to drainage flowing into the Aquadome Site.
SW (water)	Spring water sample collected from pipe at western-most portion of drainage ditch, where spring empties into drainage ditch. Sample collected contained spring water only. origin of the spring is unknown.
L1 (sediment)	Sediment sample collected from leachate point number 1. This point was located approximately 380 feet east of 5th Ave. on the bank of the drainage ditch.
L2 (sediment)	Sediment sample collected from leachate point number 2. This point was located approximately 320 feet downstream from leachate point number 1.
L3 (sediment) L3W (water)	Sediment and water samples collected from leachate point number 3 which was located approximately 50 feet downstream from leachate point number 2.
L4 (sediment) L4W (water)	Sediment and water samples collected from leachate point number 4. This point was located approximately 220 feet downstream of leachate point number 3.
DW (water) DS (sediment)	Downstream water and sediment samples collected east and just downstream from the site.

Table 1 (cont)
Aquadome Site
Decatur, Alabama
Sample Codes and Descriptions

MW1 (water)	Ground water samples collected from monitor well number 1. This well is located in the southwest corner of the site.
MW2 (water)	Ground water sample collected from monitor well number 2. This well is located approximately center of the northern most section of the site.
MW3 (water)	Ground water sample collected from monitor well number 3 which is located approximately in the center of the site north of the drainage ditch.
MW4 (water)	Ground water sample collected from monitor well number 4. Monitor well number 4 is located approximately 300 feet east of monitor well number 3 and is south of the drainage ditch.



(BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE DECATUR, ALABAMA 1975.)

N

0' 1182' 2364'

FIGURE 1
SITE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA

EPA

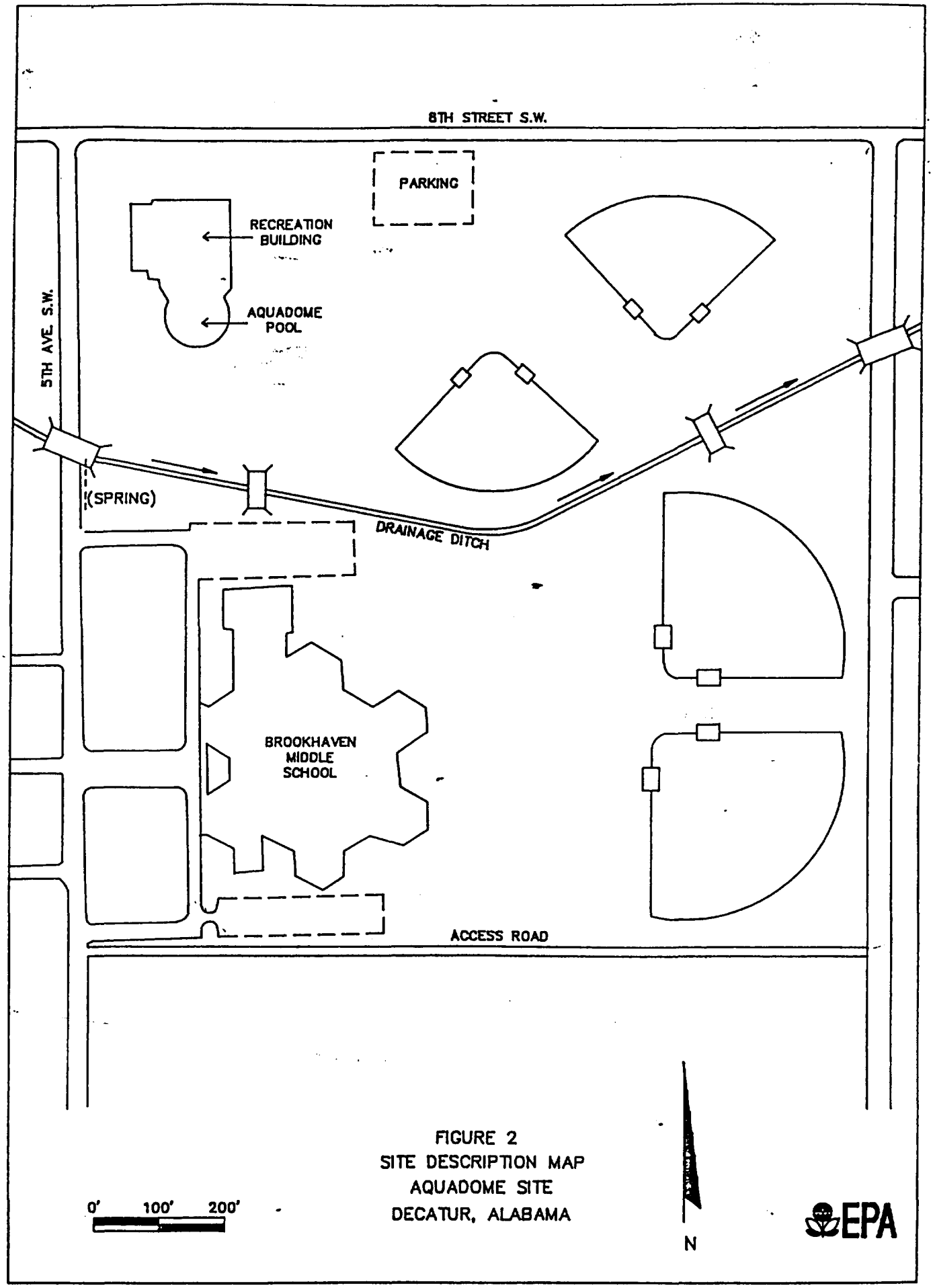


FIGURE 2
SITE DESCRIPTION MAP
AQUADOME SITE
DECATUR, ALABAMA

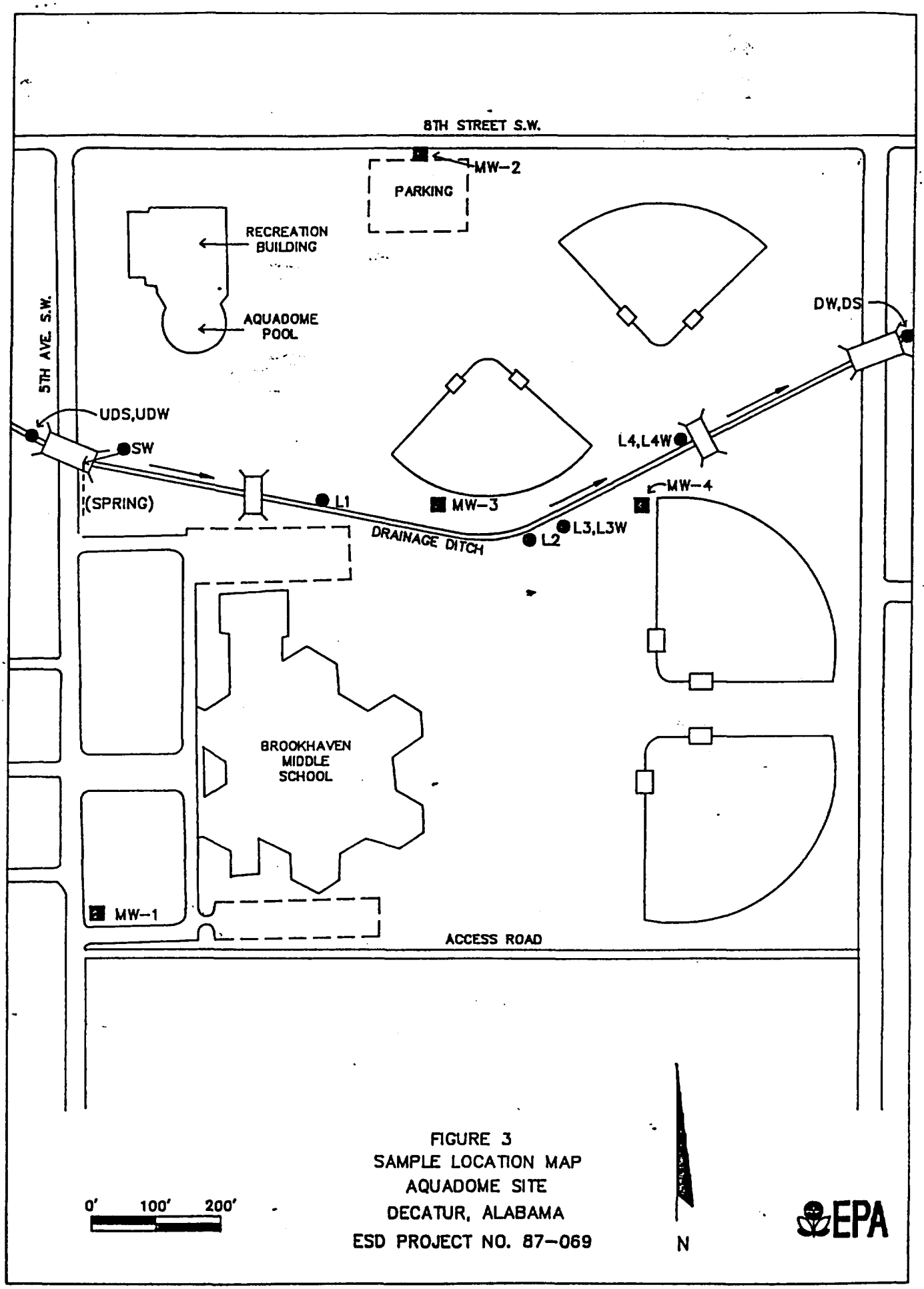


FIGURE 3
SAMPLE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA
ESD PROJECT NO. 87-069

TABLE 2
AQUADOME SITE
DECATUR, ALABAMA
ORGANIC ANALYSES
WATER SAMPLES

	UDW	SW	DW	L3W	L4W	MW1	MW2	MW3	MW4
SELECTED CHLORINATED COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
HEPTACHLOR EPOXIDE	--	0.073	0.032A	--	--	--	--	--	--
ENDOSULFAN I (ALPHA)	--	--	--	--	--	0.045N	--	--	--
DIELDRIN	0.060	0.094	0.057A	--	--	--	--	--	--
1-HYDROXYCHLORDENE /2	--	--	0.070A	--	--	--	--	--	--
EXTRACTABLE ORGANIC COMPOUNDS									
BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	19	--	--	--	--	--
CAFFEINE	8JN	--	3JN	--	--	--	--	--	--
BENZOTHIAZOLONE	--	--	--	--	--	--	3JN	--	--
CYCLOHEXYLMETHYLBENZENESULFONAMIDE	--	--	--	--	--	--	2JN	--	--
TRI(BUTOXYETHANOL)PHOSPHATE	--	--	--	--	--	--	2JN	--	--
2 UNIDENTIFIED COMPOUNDS	--	--	--	--	--	--	50J	--	--
BUTOXYETHANOL	2JN	3JN	1JN	--	--	2JN	--	1JN	--
ETHYLMETHYLBENZENESULFONAMIDE	--	--	--	--	--	--	3JN	5JN	--
METHYLHEPTADECANOIC ACID,METHYL ESTER	--	--	--	--	N	--	--	8JN	--
CAPROLACTAM	--	--	--	--	--	2JN	--	30JN	20JN
1 UNIDENTIFIED COMPOUND	--	--	--	--	--	--	--	--	20J
PURGEABLE ORGANIC COMPOUNDS									
VINYL CHLORIDE	--	--	3.3J	--	--	--	--	--	3.2J
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	0.6J
CHLOROFORM	2J	1.8J	1.5J	--	--	--	--	--	--
TRICHLOROETHENE(TRICHLOROETHYLENE)	--	0.5J	13	--	--	--	--	--	--
BENZENE	23	--	8.1	--	--	--	--	--	--
TETRACHLOROETHENE(TETRACHLOROETHYLENE)	--	19	4.6J	--	--	--	--	--	--
TOLUENE	32	--	9.1	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	0.8J	--	--
ETHYL BENZENE	3.4J	--	--	--	--	--	--	--	--
TOTAL XYLENES	21	--	5	--	--	--	--	--	--
ISOPROPYLETHER	--	--	--	--	--	--	--	7JN	--
CARBON DISULFIDE	--	--	99	--	--	--	--	--	--
CIS 1,2 DICHLOROETHENE	--	--	--	--	--	--	--	--	4JN

****

FOOTNOTES

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

TABLE 3
AQUADOME SITE
DECATUR, ALABAMA
INORGANIC ANALYSES
WATER SAMPLES

INORGANIC ELEMENT/COMPOUND	UDW	SW	DW	L3W	L4W	MW1	MW2	MW3	MW4
	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
BARIUM	36	34	46	72	53	410	200	190	130
COBALT	--	--	--	--	--	--	40J	--	--
CHROMIUM	--	--	--	--	--	16	10	42	--
COPPER	--	--	--	260	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	22	--
STRONTIUM	90	100	110	42	50	140	61	510	690
TITANIUM	--	--	--	100	68	62	77	240	51
VANADIUM	--	--	--	16	12	12	16	52	12
YTTRIUM	--	--	--	--	--	13	24	43	--
ZINC	37	--	22	120	42	55	440	130	25
ALUMINUM	320	--	210	8400	5300	8700	5300	26000	5500
MANGANESE	98	34	120	100	140	4000	6400	1500	1200
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CALCIUM	52	65	55	21	20	81	22	140	220
MAGNESIUM	2.8	2.9	3.4	2.7	2.1	9.6	6.8	7.2	15
IRON	0.28	--	0.45	6.9	6.3	3.7	42	17	3.2
SODIUM	8.6	3.8	7.3	--	3.9	20	32	120	90
CYANIDE	--	--	--	--	--	0.003	--	--	--

****

FOOTNOTES

NA - NOT ANALYZED
J - ESTIMATED VALUE
-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 1
AQUADOME SITE
DECATUR, ALABAMA
ORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES

	L1	L2	L3	L4	DS	UDS
SELECTED CHLORINATED COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
HEPTACHLOR EPOXIDE	5.8	--	--	--	6.6J	16
ALPHA-BHC	--	--	--	--	5.4	--
BETA-BHC	--	--	--	--	18	--
DELTA-BHC	--	--	--	--	54	--
DIELDRIN	--	--	--	--	16	40
4,4'-DDT (P,P'-DDT)	--	--	--	--	--	6.9J
4,4'-DDE (P,P'-DDE)	6.2	--	--	--	--	13
4,4'-DDD (P,P'-DDD)	--	--	--	--	13	5.8
GAMMA-CHLORDANE /2	NA	NA	NA	NA	16	59
ALPHA-CHLORDANE /2	NA	NA	NA	NA	9.4	36
CIS-NONACHLOR /2	NA	NA	NA	NA	--	7.3
EXTRACTABLE ORGANIC COMPOUNDS						
NAPHTHALENE	--	2500J	--	--	--	--
PHENANTHRENE	--	--	--	--	--	280J
FLUORANTHENE	--	--	--	--	--	760J
PYRENE	--	--	--	--	--	650J
BIS(2-ETHYLHEXYL) PHTHALATE	8900	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--	--	280J
CHRYSENE	--	--	--	--	--	490J
BENZO(B AND/OR K)FLUORANTHENE	--	--	--	--	--	410J
BENZO-A-PYRENE	--	--	--	--	--	340J
C3 ALKYLBENZENE (3 ISOMERS)	--	30000JN	--	--	--	--
C4 ALKYLBENZENE (7 ISOMERS)	--	70000JN	--	--	--	--
C5 ALKYLBENZENE (2 ISOMERS)	--	10000JN	--	--	--	--
C4 ALKYLBENZENE (3 ISOMERS)	--	--	10000JN	--	--	--
C3 ALKYLNAPHTHALENE	--	--	5000JN	--	--	--
ETHYLIDENEBIS(C2 ALKYLBENZENE)	--	--	--	--	400JN	--
TETRADECANOIC ACID	--	3000JN	30000JN	--	--	400JN
HEXADECANOIC ACID	800JN	50000JN	300000JN	200JN	300JN	2000JN
OCTADECANOIC ACID	300JN	10000JN	60000JN	--	--	1000JN
METHYLFLUORANTHENE	--	--	--	--	--	300JN
PETROLEUM PRODUCT	--	N	N	--	N	N
PURGEABLE ORGANIC COMPOUNDS						
1,1-DICHLOROETHANE	2.5J	--	--	--	--	--
1,1,1-TRICHLOROETHANE	15	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	3.6J	--	--	--
TRICHLOROETHENE(TRICHLOROETHYLENE)	4J	--	--	--	--	--
TETRACHLOROETHENE(TETRACHLOROETHYLENE)	2.3J	--	--	--	--	--
TOLUENE	6.6J	--	33J	--	--	23
ETHYL BENZENE	--	--	--	--	--	2.1J
TOTAL XYLENES	--	--	33J	--	--	18
TOTAL UNIDENTIFIED ALKYLHYDROCARBONS	--	70000J	2800J	--	--	--
ACETONE	--	--	680J	--	--	--

****

FOOTNOTES

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

TABLE 5
AQUADOME SITE
DECATUR, ALABAMA
INORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES

INORGANIC ELEMENT/COMPOUND	L1	L2	L3	L4	DS	UDS
	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BARIUM	45	30	840	94	--	72
CHROMIUM	33	8.4	240	53	19	34
COPPER	20	480	93000	60	36	21
NICKEL	7.2	6.0	380	8.1	--	8.7
LEAD	86	14	550	46	21	280
STRONTIUM	66	4.4	--	20	160	77
TITANIUM	100	100	260	36	28	93
VANADIUM	42	9.0	--	52	14	38
YTTRIUM	9.0	3.2	--	4.8	--	9.0
ZINC	370	89	7900	79	41	210
ALUMINUM	14000	4200	40000	28000	870	12000
MANGANESE	450	49	520	74	110	560
CALCIUM	52000	1500	21000	4200	160000	66000
MAGNESIUM	1700	320	9600	1100	3100	2100
IRON	20000	5600	52000	22000	9600	18000
CYANIDE	0.82	--	0.83	--	0.39J	0.82

****

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

REFERENCE NO. 18
APPENDIX A

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD RESEARCH
ATHENS, GEORGIA

02/10/87

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

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

RESULTS	UNITS	COMPOUND
2200U	UG/KG	1,3-DICHLOROBENZENE
2200U	UG/KG	1,4-DICHLOROBENZENE
2200U	UG/KG	1,2-DICHLOROBENZENE
2200U	UG/KG	BIS(2-CHLOROETHYL) ETHER
2200U	UG/KG	HEXACHLOROETHANE
2200U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
2200U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2200U	UG/KG	NITROBENZENE
2200U	UG/KG	HEXACHLOROBUTADIENE
2200U	UG/KG	1,2,4-TRICHLOROBENZENE
2200U	UG/KG	NAPHTHALENE
2200U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2200U	UG/KG	ISOPHORONE
2200U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
2200U	UG/KG	2-CHLORONAPHTHALENE
2200U	UG/KG	ACENAPHTHYLENE
2200U	UG/KG	ACENAPHTHENE
2200U	UG/KG	DIMETHYL PHTHALATE
2200U	UG/KG	2,4-DINITROTOLUENE
2200U	UG/KG	2,6-DINITROTOLUENE
2200U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
2200U	UG/KG	FLUORENE
2200U	UG/KG	DIETHYL PHTHALATE
2200U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
2200U	UG/KG	HEXACHLOROBENZENE (HCB)
2200U	UG/KG	4-BROMOPHENYL PHENYL ETHER
280J	UG/KG	PHENANTHRENE
2200U	UG/KG	ANTHRACENE
2200U	UG/KG	DI-N-BUTYLPHTHALATE
[illegible]	UG/KG	FLUORANTHENE
4400	UG/KG	PYRENE
2200U	UG/KG	BENZYL BUTYL PHTHALATE
2200U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
280J	UG/KG	BENZO(A)ANTHRACENE
490J	UG/KG	CHRYSENE
2200U	UG/KG	3,3'-DICHLOROBENZIDINE
2200U	UG/KG	DI-N-OCTYLPHTHALATE
[illegible]	UG/KG	[illegible]
[illegible]	UG/KG	BENZO(K) FLUORANTHENE
[illegible]	UG/KG	BENZO(A)-PYRENE
2200U	UG/KG	INDENO (1,2,3-CD) PYRENE
2200U	UG/KG	DIBENZO(A,H)ANTHRACENE
2200U	UG/KG	BENZO(GHI)PERYLENE
2200U	UG/KG	2-CHLOROPHENOL
2200U	UG/KG	2-NITROPHENOL
2200U	UG/KG	PHENOL
2200U	UG/KG	2,4-DIMETHYLPHENOL
2200U	UG/KG	2,4-DICHLOROPHENOL
2200U	UG/KG	2,4,6-TRICHLOROPHENOL
2200U	UG/KG	4-CHLORO-3-METHYLPHENOL
4400U	UG/KG	2,4-DINITROPHENOL
4400U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4400U	UG/KG	PENTACHLOROPHENOL
4400U	UG/KG	4-NITROPHENOL
47	%	MOISTURE

**[illegible]

***[illegible]

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

***[illegible]

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

RESULTS	UNITS	COMPOUND
2400U	UG/KG	1,3-DICHLOROBENZENE
2400U	UG/KG	1,4-DICHLOROBENZENE
2400U	UG/KG	1,2-DICHLOROBENZENE
2400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
2400U	UG/KG	HEXACHLOROETHANE
2400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
2400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2400U	UG/KG	NITROBENZENE
2400U	UG/KG	HEXACHLOROBUTADIENE
2400U	UG/KG	1,2,4-TRICHLOROBENZENE
2400U	UG/KG	NAPHTHALENE
2400U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2400U	UG/KG	ISOPHORONE
2400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
2400U	UG/KG	2-CHLORONAPHTHALENE
2400U	UG/KG	ACENAPHTHYLENE
2400U	UG/KG	ACENAPHTHENE
2400U	UG/KG	DIMETHYL PHTHALATE
2400U	UG/KG	2,4-DINITROTOLUENE
2400U	UG/KG	2,6-DINITROTOLUENE
2400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
2400U	UG/KG	FLUORENE
2400U	UG/KG	DIETHYL PHTHALATE
2400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
2400U	UG/KG	HEXACHLOROBENZENE (HCB)
2400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
2400U	UG/KG	PHENANTHRENE
2400U	UG/KG	ANTHRACENE
2400U	UG/KG	DI-N-BUTYLPHTHALATE
2400U	UG/KG	FLUORANTHENE
2400U	UG/KG	PYRENE
2400U	UG/KG	BENZYL BUTYL PHTHALATE
4700U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
2400U	UG/KG	BENZO(A)ANTHRACENE
2400U	UG/KG	CHRYSENE
2400U	UG/KG	3,3'-DICHLOROBENZIDINE
2400U	UG/KG	DI-N-OCTYLPHTHALATE
[illegible]	UG/KG	BENZO(B)AND/OR K)FLUORANTHENE
[illegible]	UG/KG	BENZO(A)AND/OR K)FLUORANTHENE
[illegible]	UG/KG	BENZO-A-PYRENE
[illegible]	UG/KG	INDENO (1,2,3-CD) PYRENE
2400U	UG/KG	DIBENZO(A,H)ANTHRACENE
2400U	UG/KG	BENZO(GHI)PERYLENE
2400U	UG/KG	2-CHLOROPHENOL
2400U	UG/KG	2-NITROPHENOL
2400U	UG/KG	PHENOL
2400U	UG/KG	2,4-DIMETHYLPHENOL
2400U	UG/KG	2,4-DICHLOROPHENOL
2400U	UG/KG	2,4,6-TRICHLOROPHENOL
2400U	UG/KG	4-CHLORO-3-METHYLPHENOL
4700U	UG/KG	2,4-DINITROPHENOL
4700U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4700U	UG/KG	PENTACHLOROPHENOL
4700U	UG/KG	4-NITROPHENOL
47	%	MOISTURE

[illegible]

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B.BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS	UNITS	COMPOUND
16000U	UG/KG	1,3-DICHLOROBENZENE
16000U	UG/KG	1,4-DICHLOROBENZENE
16000U	UG/KG	1,2-DICHLOROBENZENE
16000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
16000U	UG/KG	HEXACHLOROETHANE
16000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
16000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
16000U	UG/KG	NITROBENZENE
16000U	UG/KG	HEXACHLOROBUTADIENE
16000U	UG/KG	1,2,4-TRICHLOROBENZENE
2500J	UG/KG	NAPHTHALENE
16000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
16000U	UG/KG	ISOPHORONE
16000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
16000U	UG/KG	2-CHLORONAPHTHALENE
16000U	UG/KG	ACENAPHTHYLENE
16000U	UG/KG	ACENAPHTHENE
16000U	UG/KG	DIMETHYL PHTHALATE
16000U	UG/KG	2,4-DINITROTOLUENE
16000U	UG/KG	2,6-DINITROTOLUENE
16000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
16000U	UG/KG	FLUORENE
16000U	UG/KG	DIETHYL PHTHALATE
16000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
16000U	UG/KG	HEXACHLOROBENZENE (HCB)
16000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
16000U	UG/KG	PHENANTHRENE
16000U	UG/KG	ANTHRACENE
16000U	UG/KG	DI-N-BUTYLPHTHALATE
16000U	UG/KG	FLUORANTHENE
16000U	UG/KG	PYRENE
16000U	UG/KG	BENZYL BUTYL PHTHALATE
16000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
16000U	UG/KG	BENZO(A)ANTHRACENE
16000U	UG/KG	CHRYSENE
16000U	UG/KG	3,3'-DICHLOROBENZIDINE
16000U	UG/KG	DI-N-OCTYLPHTHALATE
16000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
16000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
16000U	UG/KG	BENZO-A-PYRENE
16000U	UG/KG	INDENO (1,2,3-CD) PYRENE
16000U	UG/KG	DIBENZO(A,H)ANTHRACENE
16000U	UG/KG	BENZO(GHI)PERYLENE
16000U	UG/KG	2-CHLOROPHENOL
16000U	UG/KG	2-NITROPHENOL
16000U	UG/KG	PHENOL
16000U	UG/KG	2,4-DIMETHYLPHENOL
16000U	UG/KG	2,4-DICHLOROPHENOL
16000U	UG/KG	2,4,6-TRICHLOROPHENOL
16000U	UG/KG	4-CHLORO-3-METHYLPHENOL
32000U	UG/KG	2,4-DINITROPHENOL
32000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
32000U	UG/KG	PENTACHLOROPHENOL
32000U	UG/KG	4-NITROPHENOL
23	%	MOISTURE

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

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

01/06/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
9U	MG/KG	ARSENIC
NA	MG/KG	BORON
45	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
60	MG/KG	COBALT
33	MG/KG	CHROMIUM
20	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
7.2	MG/KG	NICKEL
86	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
66	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
42	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
170	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
14000	MG/KG	ALUMINUM
480	MG/KG	MANGANESE
52000	MG/KG	CALCIUM
1700	MG/KG	MAGNESIUM
20000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
45	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

01/06/87

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

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
200U	MG/KG	SILVER
300U	MG/KG	ARSENIC
NA	MG/KG	BORON
840	MG/KG	BARIUM
100U	MG/KG	BERYLLIUM
100U	MG/KG	CADMIUM
200U	MG/KG	COBALT
240	MG/KG	CHROMIUM
93000	MG/KG	COPPER
200U	MG/KG	MOLYBDENUM
380	MG/KG	NICKEL
650	MG/KG	LEAD
300U	MG/KG	ANTIMONY
400U	MG/KG	SELENIUM
10000U	MG/KG	TIN
100U	MG/KG	STRONTIUM
400U	MG/KG	TELLURIUM
260	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
100U	MG/KG	VANADIUM
100U	MG/KG	YTTRIUM
7900	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
40000	MG/KG	ALUMINUM
520	MG/KG	MANGANESE
21000	MG/KG	CALCIUM
9600	MG/KG	MAGNESIUM
82000	MG/KG	IRON
10000U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
40	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

01/06/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
9U	MG/KG	ARSENIC
NA	MG/KG	BORON
72	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
6U	MG/KG	COBALT
34	MG/KG	CHROMIUM
21	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
8.7	MG/KG	NICKEL
280	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
77	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
93	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
38	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
210	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
12000	MG/KG	ALUMINUM
560	MG/KG	MANGANESE
66000	MG/KG	CALCIUM
2100	MG/KG	MAGNESIUM
18000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
49	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

01/06/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
5U	MG/KG	SILVER
8U	MG/KG	ARSENIC
NA	MG/KG	BORON
76	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
1U	MG/KG	CADMIUM
6U	MG/KG	COBALT
34	MG/KG	CHROMIUM
21	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
8.7	MG/KG	NICKEL
280	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
77	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
93	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
38	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
210	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
12000	MG/KG	ALUMINUM
560	MG/KG	MANGANESE
66000	MG/KG	CALCIUM
2100	MG/KG	MAGNESIUM
18000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
49	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

ATHENS GEORGIA

01/06/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
8U	MG/KG	ARSENIC
NA	MG/KG	BORON
45	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
6U	MG/KG	COBALT
33	MG/KG	CHROMIUM
20	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
7.2	MG/KG	NICKEL
86	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
66	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
42	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
310	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
14000	MG/KG	ALUMINUM
480	MG/KG	MANGANESE
52000	MG/KG	CALCIUM
1700	MG/KG	MAGNESIUM
20000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
45	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

01/06/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
5U	MG/KG	ARSENIC
NA	MG/KG	BORON
30	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
4U	MG/KG	COBALT
8.4	MG/KG	CHROMIUM
480	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
6.0	MG/KG	NICKEL
14	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
4.4	MG/KG	STRONTIUM
80	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
9.0	MG/KG	VANADIUM
3.2	MG/KG	YTTRIUM
85	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
4200	MG/KG	ALUMINUM
49	MG/KG	MANGANESE
1500	MG/KG	CALCIUM
320	MG/KG	MAGNESIUM
5600	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
22	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

EPA-ESD,REG IV
ATHENS GEORGIA

01/06/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
6U	MG/KG	ARSENIC
NA	MG/KG	BORON
30	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
4U	MG/KG	COBALT
8.4	MG/KG	CHROMIUM
480	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
6.0	MG/KG	NICKEL
14	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
4.4	MG/KG	STRONTIUM
80	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
9.0	MG/KG	VANADIUM
3.2	MG/KG	YTTRIUM
89	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
4200	MG/KG	ALUMINUM
49	MG/KG	MANGANESE
1500	MG/KG	CALCIUM
320	MG/KG	MAGNESIUM
5600	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
22	%	MOISTURE

****

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

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

01/06/87

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

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
200U	MG/KG	SILVER
300U	MG/KG	ARSENIC
NA	MG/KG	BORON
840	MG/KG	BARIUM
100U	MG/KG	BERYLLIUM
100U	MG/KG	CADMIUM
200U	MG/KG	COBALT
240	MG/KG	CHROMIUM
93000	MG/KG	COPPER
200U	MG/KG	MOLYBDENUM
380	MG/KG	NICKEL
550	MG/KG	LEAD
300U	MG/KG	ANTIMONY
400U	MG/KG	SELENIUM
1000U	MG/KG	TIN
100U	MG/KG	STRONTIUM
400U	MG/KG	TELLURIUM
260	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
100U	MG/KG	VANADIUM
100U	MG/KG	YTTRIUM
7900	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
40000	MG/KG	ALUMINUM
520	MG/KG	MANGANESE
21000	MG/KG	CALCIUM
9600	MG/KG	MAGNESIUM
52000	MG/KG	IRON
100000U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
40	%	MOISTURE

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-EOD REG IV
ATHENS GEORGIA

01/06/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D8 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
7U	MG/KG	SILVER
21U	MG/KG	ARSENIC
NA	MG/KG	BORON
14U	MG/KG	BARIUM
7U	MG/KG	BERYLLIUM
7U	MG/KG	CADMIUM
14U	MG/KG	COBALT
19	MG/KG	CHROMIUM
36	MG/KG	COPPER
14U	MG/KG	MOLYBDENUM
14U	MG/KG	NICKEL
21	MG/KG	LEAD
21U	MG/KG	ANTIMONY
28U	MG/KG	SELENIUM
70U	MG/KG	TIN
160	MG/KG	STRONTIUM
28U	MG/KG	TELLURIUM
28	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
14	MG/KG	VANADIUM
7U	MG/KG	YTTRIUM
41	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
870	MG/KG	ALUMINUM
110	MG/KG	MANGANESE
160000	MG/KG	CALCIUM
3100	MG/KG	MAGNESIUM
9600	MG/KG	IRON
700U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
18	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

EPA-ESD,REG IV
ATHENS GEORGIA

01/06/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: 55F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
7U	MG/KG	SILVER
21U	MG/KG	ARSENIC
NA	MG/KG	BORON
14U	MG/KG	BARIUM
7U	MG/KG	BERYLLIUM
7U	MG/KG	CADMIUM
14U	MG/KG	COBALT
19	MG/KG	CHROMIUM
36	MG/KG	COPPER
14U	MG/KG	MOLYBDENUM
14U	MG/KG	NICKEL
21	MG/KG	LEAD
21U	MG/KG	ANTIMONY
28U	MG/KG	SELENIUM
70U	MG/KG	TIN
160	MG/KG	STRONTIUM
28U	MG/KG	TELLURIUM
28	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
14	MG/KG	VANADIUM
7U	MG/KG	YTTRIUM
41	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
870	MG/KG	ALUMINUM
110	MG/KG	MANGANESE
160000	MG/KG	CALCIUM
3100	MG/KG	MAGNESIUM
9600	MG/KG	IRON
700U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
18	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UD6 UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

RESULTS	UNITS	PARAMETER	STORET
0.13U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLGUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

RESULTS	UNITS	PARAMETER	STORET
0.13U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLGUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.83	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87CI4707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.83	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87CI4707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE MINIMUM DETECTION LIMIT.

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

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

RESULTS	UNITS	PARAMETER	STORET
0.14U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.14U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.39J	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D5 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.39J	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D6 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
[illegible]	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
100U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
90	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
37	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
320	UG/L	ALUMINUM
9[illegible]	UG/L	MANGANESE
5[illegible]	MG/L	CALCIUM
2.[illegible]	MG/L	MAGNESIUM
0.28	MG/L	IRON
8.[illegible]	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

EPA-E&D REG IV
ATHENS GEORGIA

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: 88F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
136	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
90	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
37	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
320	UG/L	ALUMINUM
98	UG/L	MANGANESE
52	MG/L	CALCIUM
2.8	MG/L	MAGNESIUM
0.28	MG/L	IRON
8.6	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS*

****

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
34	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
100	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
10U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
100U	UG/L	ALUMINUM
34	UG/L	MANGANESE
65	MG/L	CALCIUM
2.0	MG/L	MAGNESIUM
0.10U	MG/L	IRON
1.8	MG/L	SODIUM
NA	MG/L	POTASSIUM

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: 56F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
72	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
260	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
42	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
16	UG/L	VANADIUM
10U	UG/L	YTTRIUM
120	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
8400	UG/L	ALUMINUM
100	UG/L	MANGANESE
21	MG/L	CALCIUM
2.7	MG/L	MAGNESIUM
6.0	MG/L	IRON
1.0U	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
58	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
50	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
68	UG/L	TITANIUM
NA	UG/L	THALLIUM
12	UG/L	VANADIUM
10U	UG/L	YTTRIUM
42	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5300	UG/L	ALUMINUM
140	UG/L	MANGANESE
26	MG/L	CALCIUM
2.1	MG/L	MAGNESIUM
5.1	MG/L	IRON
3.5	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AOOADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
45	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
400	UG/L	SELENIUM
100U	UG/L	TIN
110	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
22	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
210	UG/L	ALUMINUM
120	UG/L	MANGANESE
85	MG/L	CALCIUM
3.4	MG/L	MAGNESIUM
0.45	MG/L	IRON
1.3	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87CI4702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: S&F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87CI4708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87CI4708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE RECD: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.004U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87CI4710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.004U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALITICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALITICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
410	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
16	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
140	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
62	UG/L	TITANIUM
NA	UG/L	THALLIUM
12	UG/L	VANADIUM
13	UG/L	YTTRIUM
55	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
8700	UG/L	ALUMINUM
4000	UG/L	MANGANESE
81	MG/L	CALCIUM
9.6	MG/L	MAGNESIUM
1.7	MG/L	IRON
20	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AODADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
200	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
40J	UG/L	COBALT
10	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
61	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
77	UG/L	TITANIUM
NA	UG/L	THALLIUM
16	UG/L	VANADIUM
24	UG/L	YTTRIUM
440	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5300	UG/L	ALUMINUM
5400	UG/L	MANGANESE
22	MG/L	CALCIUM
6.8	MG/L	MAGNESIUM
42	MG/L	IRON
32	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
100	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
42	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
22	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
510	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
240	UG/L	TITANIUM
NA	UG/L	THALLIUM
52	UG/L	VANADIUM
43	UG/L	YTTRIUM
130	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
26000	UG/L	ALUMINUM
1500	UG/L	MANGANESE
140	MG/L	CALCIUM
7.2	MG/L	MAGNESIUM
14	MG/L	IRON
120	MG/L	SODIUM
NA	MG/L	POTASSIUM

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAN
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
130	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
690	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
51	UG/L	TITANIUM
NA	UG/L	THALLIUM
12	UG/L	VANADIUM
10U	UG/L	YTTRIUM
25	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5500	UG/L	ALUMINUM
1200	UG/L	MANGANESE
220	MG/L	CALCIUM
15	MG/L	MAGNESIUM
5.2	MG/L	IRON
90	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAN

REMARKS

Received 1/12/87
Reviewed 1/12/87

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.003	MG/L	CYANIDE	00720

01/20/87 SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS UNITS PARAMETER
0.003 MG/L CYANIDE

STORET
00720

01/20/87 SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
[illegible] REFERENCES
[illegible] PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00935

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

03/05/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADO/DOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

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

RESULTS	UNITS	COMPOUND
17U	UG/KG	CHLOROMETHANE
17U	UG/KG	BROMOMETHANE
17U	UG/KG	VINYL CHLORIDE
17U	UG/KG	CHLOROETHANE
17U	UG/KG	METHYLENE CHLORIDE
17U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
17U	UG/KG	1,1-DICHLOROETHANE
17U	UG/KG	TRANS-1,2-DICHLOROETHENE
17U	UG/KG	CHLOROFORM
17U	UG/KG	1,2-DICHLOROETHANE
17U	UG/KG	1,1,1-TRICHLOROETHANE
17U	UG/KG	CARBON TETRACHLORIDE
17U	UG/KG	BROMODICHLOROMETHANE
17U	UG/KG	1,2-DICHLOROPROPANE
34U	UG/KG	TRANS-1,3-DICHLOROPROPENE
17U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
17U	UG/KG	BENZENE
17U	UG/KG	DIBROMOCHLOROMETHANE
17U	UG/KG	1,1,2-TRICHLOROETHANE
34U	UG/KG	CIS-1,3-DICHLOROPROPENE
34U	UG/KG	2-CHLOROETHYLVINYL ETHER
17U	UG/KG	BROMOFORM
17U	UG/KG	1,1,2,2-TETRACHLOROETHANE
17U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
23	UG/KG	TOLUENE
17U	UG/KG	CHLOROBENZENE
2.1J	UG/KG	ETHYL BENZENE
18	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARKS

****

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

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

03/05/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AUDUBONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
17U	UG/KG	CHLOROMETHANE
17U	UG/KG	BROMOMETHANE
17U	UG/KG	VINYL CHLORIDE
17U	UG/KG	CHLOROETHANE
17U	UG/KG	METHYLENE CHLORIDE
17U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
17U	UG/KG	1,1-DICHLOROETHANE
17U	UG/KG	TRANS-1,2-DICHLOROETHENE
17U	UG/KG	CHLOROFORM
17U	UG/KG	1,2-DICHLOROETHANE
17U	UG/KG	1,1,1-TRICHLOROETHANE
17U	UG/KG	CARBON TETRACHLORIDE
17U	UG/KG	BROMODICHLOROMETHANE
17U	UG/KG	1,2-DICHLOROPROPANE
34U	UG/KG	TRANS-1,3-DICHLOROPROPENE
17U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
17U	UG/KG	BENZENE
17U	UG/KG	DIBROMOCHLOROMETHANE
17U	UG/KG	1,1,2-TRICHLOROETHANE
34U	UG/KG	CIS-1,3-DICHLOROPROPENE
34U	UG/KG	2-CHLOROETHYLVINYL ETHER
17U	UG/KG	BROMOFORM
17U	UG/KG	1,1,2,2-TETRACHLOROETHANE
17U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
23	UG/KG	TOLUENE
17U	UG/KG	CHLOROBENZENE
2.1J	UG/KG	ETHYL BENZENE
18	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
170U	ACETONE
170U	METHYL ETHYL KETONE
170U	CARBON DISULFIDE
170U	METHYL BUTYL KETONE
170U	METHYL ISOBUTYL KETONE
170U	STYRENE
170U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C147J0 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
170U	ACETONE
170U	METHYL ETHYL KETONE
170U	CARBON DISULFIDE
170U	METHYL BUTYL KETONE
170U	METHYL ISOBUTYL KETONE
170U	STYRENE
170U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/05/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACUADONE
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
18U	UG/KG	CHLOROMETHANE
18U	UG/KG	BROMOMETHANE
18U	UG/KG	VINYL CHLORIDE
16U	UG/KG	CHLOROETHANE
18U	UG/KG	METHYLENE CHLORIDE
18U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
2.5J	UG/KG	1,1-DICHLOROETHANE
18U	UG/KG	TRANS-1,2-DICHLOROETHENE
18U	UG/KG	CHLOROFORM
18U	UG/KG	1,2-DICHLOROETHANE
19	UG/KG	1,1,1-TRICHLOROETHANE
18U	UG/KG	CARBON TETRACHLORIDE
18U	UG/KG	BROMODICHLOROMETHANE
18U	UG/KG	1,2-DICHLOROPROPANE
36U	UG/KG	TRANS-1,3-DICHLOROPROPENE
4J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
18U	UG/KG	BENZENE
18U	UG/KG	DIBROMOCHLOROMETHANE
18U	UG/KG	1,1,2-TRICHLOROETHANE
36U	UG/KG	CIS-1,3-DICHLOROPROPENE
36U	UG/KG	2-CHLOROETHYLVINYL ETHER
18U	UG/KG	BROMOFORM
18U	UG/KG	1,1,2,2-TETRACHLOROETHANE
2.3J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6.6J	UG/KG	TOLUENE
18U	UG/KG	CHLOROBENZENE
18U	UG/KG	ETHYL BENZENE
18U	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

03/05/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
18U	UG/KG	CHLOROMETHANE
18U	UG/KG	BROMOMETHANE
18U	UG/KG	VINYL CHLORIDE
18U	UG/KG	CHLOROETHANE
18U	UG/KG	METHYLENE CHLORIDE
18U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
2.5J	UG/KG	1,1-DICHLOROETHANE
18U	UG/KG	TRANS-1,2-DICHLOROETHENE
18U	UG/KG	CHLOROFORM
18U	UG/KG	1,2-DICHLOROETHANE
19	UG/KG	1,1,1-TRICHLOROETHANE
18U	UG/KG	CARBON TETRACHLORIDE
18U	UG/KG	BROMODICHLOROMETHANE
18U	UG/KG	1,2-DICHLOROPROPANE
36U	UG/KG	TRANS-1,3-DICHLOROPROPENE
4J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
18U	UG/KG	BENZENE
18U	UG/KG	DIBROMOCHLOROMETHANE
18U	UG/KG	1,1,2-TRICHLOROETHANE
36U	UG/KG	CIS-1,3-DICHLOROPROPENE
36U	UG/KG	2-CHLOROETHYLVINYL ETHER
18U	UG/KG	BROMOFORM
18U	UG/KG	1,1,2,2-TETRACHLOROETHANE
2.3J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6.6J	UG/KG	TOLUENE
18U	UG/KG	CHLOROBENZENE
18U	UG/KG	ETHYL BENZENE
18U	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
180U	ACETONE
180U	METHYL ETHYL KETONE
180U	CARBON DISULFIDE
180U	METHYL BUTYL KETONE
180U	METHYL ISOBUTYL KETONE
180U	STYRENE
180U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
180U	ACETONE
180U	METHYL ETHYL KETONE
180U	CARBON DISULFIDE
180U	METHYL BUTYL KETONE
180U	METHYL ISOBUTYL KETONE
180U	STYRENE
180U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/06/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
110000U	ACETONE
110000U	METHYL ETHYL KETONE
110000U	CARBON DISULFIDE
110000U	METHYL BUTYL KETONE
110000U	METHYL ISOBUTYL KETONE
110000U	STYRENE
110000U	VINYL ACETATE
70000J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADGNE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/06/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
110000U	ACETONE
110000U	METHYL ETHYL KETONE
110000U	CARBON DISULFIDE
110000U	METHYL BUTYL KETONE
110000U	METHYL ISOBUTYL KETONE
110000U	STYRENE
110000U	VINYL ACETATE
70000J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADGME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C04707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-LB LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
25JJ	UG/KG	CHLOROMETHANE
25JJ	UG/KG	BROMOMETHANE
25JJ	UG/KG	VINYL CHLORIDE
25JJ	UG/KG	CHLOROETHANE
25JJ	UG/KG	METHYLENE CHLORIDE
25JJ	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
25JJ	UG/KG	1,1-DICHLOROETHANE
25JJ	UG/KG	TRANS-1,2-DICHLOROETHENE
25JJ	UG/KG	CHLOROFORM
25JJ	UG/KG	1,2-DICHLOROETHANE
25JJ	UG/KG	1,1,1-TRICHLOROETHANE
25JJ	UG/KG	CARBON TETRACHLORIDE
3.5J	UG/KG	BROMODICHLOROMETHANE
25JJ	UG/KG	1,2-DICHLOROPROPANE
50JJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
25JJ	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
25JJ	UG/KG	BENZENE
25JJ	UG/KG	DIBROMOCHLOROMETHANE
25JJ	UG/KG	1,1,2-TRICHLOROETHANE
50JJ	UG/KG	CIS-1,3-DICHLOROPROPENE
50JJ	UG/KG	2-CHLOROETHYLVINYL ETHER
25JJ	UG/KG	BROMOFORM
25JJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
25JJ	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
33J	UG/KG	TOLUENE
25JJ	UG/KG	CHLOROBENZENE
25JJ	UG/KG	ETHYL BENZENE
33J	UG/KG	TOTAL XYLENES
39	%	MOISTURE

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87CM4707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-03 LEACHATE #3
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
25JJ	UG/KG	CHLOROMETHANE
25JJ	UG/KG	BROMOMETHANE
25JJ	UG/KG	VINYL CHLORIDE
25JJ	UG/KG	CHLOROETHANE
25JJ	UG/KG	METHYLENE CHLORIDE
25JJ	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
25JJ	UG/KG	1,1-DICHLOROETHANE
25JJ	UG/KG	TRANS-1,2-DICHLOROETHENE
25JJ	UG/KG	CHLOROFORM
25JJ	UG/KG	1,2-DICHLOROETHANE
25JJ	UG/KG	1,1,1-TRICHLOROETHANE
25JJ	UG/KG	CARBON TETRACHLORIDE
3.6J	UG/KG	BROMODICHLOROMETHANE
25JJ	UG/KG	1,2-DICHLOROPROPANE
50JJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
25JJ	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
25JJ	UG/KG	BENZENE
25JJ	UG/KG	DIBROMOCHLOROMETHANE
25JJ	UG/KG	1,1,2-TRICHLOROETHANE
50JJ	UG/KG	CIS-1,3-DICHLOROPROPENE
50JJ	UG/KG	2-CHLOROETHYLVINYL ETHER
25JJ	UG/KG	BROMOFORM
25JJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
25JJ	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
33J	UG/KG	TOLUENE
25JJ	UG/KG	CHLOROBENZENE
25JJ	UG/KG	ETHYL BENZENE
33J	UG/KG	TOTAL XYLENES
39	%	MOISTURE

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014707 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
580JJ	ACETONE
250JJ	METHYL ETHYL KETONE
250JJ	CARBON DISULFIDE
250JJ	METHYL BUTYL KETONE
250JJ	METHYL ISOBUTYL KETONE
250JJ	STYRENE
250JJ	VINYL ACETATE
2000J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-03 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/85 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/85 1000 REC'D BY: D COLDWITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014707 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
680JJ	ACETONE
250JJ	METHYL ETHYL KETONE
250JJ	CARBON DISULFIDE
250JJ	METHYL BUTYL KETONE
250JJ	METHYL ISOBUTYL KETONE
250JJ	STYRENE
250JJ	VINYL ACETATE
2000J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-LB LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/85 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/85 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87CI4709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-G4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COGGUILL
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
28J	UG/KG	CHLOROMETHANE
28J	UG/KG	BROMOMETHANE
28J	UG/KG	VINYL CHLORIDE
28J	UG/KG	CHLOROETHANE
28J	UG/KG	METHYLENE CHLORIDE
28J	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
28J	UG/KG	1,1-DICHLOROETHANE
28J	UG/KG	TRANS-1,2-DICHLOROETHENE
28J	UG/KG	CHLOROFORM
28J	UG/KG	1,2-DICHLOROETHANE
28J	UG/KG	1,1,1-TRICHLOROETHANE
28J	UG/KG	CARBON TETRACHLORIDE
28J	UG/KG	BROMODICHLOROMETHANE
28J	UG/KG	1,2-DICHLOROPROPANE
56J	UG/KG	TRANS-1,3-DICHLOROPROPENE
28J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
28J	UG/KG	BENZENE
28J	UG/KG	DIBROMOCHLOROMETHANE
28J	UG/KG	1,1,2-TRICHLOROETHANE
56J	UG/KG	CIS-1,3-DICHLOROPROPENE
56J	UG/KG	2-CHLOROETHYLVINYL ETHER
28J	UG/KG	BROMOFORM
28J	UG/KG	1,1,2,2-TETRACHLOROETHANE
28J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
28J	UG/KG	TOLUENE
28J	UG/KG	CHLOROBENZENE
28J	UG/KG	ETHYL BENZENE
28J	UG/KG	TOTAL XYLENES
31	%	MOISTURE

****

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

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO.:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

RESULTS	UNITS	COMPOUND
28J	UG/KG	CHLOROMETHANE
28J	UG/KG	BROMOMETHANE
28J	UG/KG	VINYL CHLORIDE
28J	UG/KG	CHLOROETHANE
28J	UG/KG	METHYLENE CHLORIDE
28J	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
28J	UG/KG	1,1-DICHLOROETHANE
28J	UG/KG	TRANS-1,2-DICHLOROETHENE
28J	UG/KG	CHLOROFORM
28J	UG/KG	1,2-DICHLOROETHANE
28J	UG/KG	1,1,1-TRICHLOROETHANE
28J	UG/KG	CARBON TETRACHLORIDE
28J	UG/KG	BROMODICHLOROMETHANE
28J	UG/KG	1,2-DICHLOROPROPANE
56J	UG/KG	TRANS-1,3-DICHLOROPROPENE
28J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
28J	UG/KG	BENZENE
28J	UG/KG	DIBROMOCHLOROMETHANE
28J	UG/KG	1,1,2-TRICHLOROETHANE
56J	UG/KG	CIS-1,3-DICHLOROPROPENE
56J	UG/KG	2-CHLOROETHYLVINYL ETHER
28J	UG/KG	BROMOFORM
28J	UG/KG	1,1,2,2-TETRACHLOROETHANE
28J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
28J	UG/KG	TOLUENE
28J	UG/KG	CHLOROBENZENE
28J	UG/KG	ETHYL BENZENE
28J	UG/KG	TOTAL XYLENES
31	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WPP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014709 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
280J	ACETONE
280J	METHYL ETHYL KETONE
280J	CARBON DISULFIDE
280J	METHYL BUTYL KETONE
280J	METHYL ISOBUTYL KETONE
280J	STYRENE
280J	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-64 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/85 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/85 1000 REC'D BY: D COGGUILL
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WPP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014709 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
280J	ACETONE
280J	METHYL ETHYL KETONE
280J	CARBON DISULFIDE
280J	METHYL BUTYL KETONE
280J	METHYL ISOBUTYL KETONE
280J	STYRENE
280J	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHODS:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/05/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACOADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-OS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
14U	UG/KG	CHLOROMETHANE
14U	UG/KG	BROMOMETHANE
14U	UG/KG	VINYL CHLORIDE
14U	UG/KG	CHLOROETHANE
14U	UG/KG	METHYLENE CHLORIDE
14U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	UG/KG	1,1-DICHLOROETHANE
14U	UG/KG	TRANS-1,2-DICHLOROETHENE
14U	UG/KG	CHLOROFORM
14U	UG/KG	1,2-DICHLOROETHANE
14U	UG/KG	1,1,1-TRICHLOROETHANE
14U	UG/KG	CARBON TETRACHLORIDE
14U	UG/KG	BROMODICHLOROMETHANE
14U	UG/KG	1,2-DICHLOROPROPANE
28U	UG/KG	TRANS-1,3-DICHLOROPROPENE
14U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	UG/KG	BENZENE
14U	UG/KG	DIBROMOCHLOROMETHANE
14U	UG/KG	1,1,2-TRICHLOROETHANE
28U	UG/KG	CIS-1,3-DICHLOROPROPENE
28U	UG/KG	2-CHLOROETHYLVINYL ETHER
14U	UG/KG	BROMOFORM
14U	UG/KG	1,1,2,2-TETRACHLOROETHANE
14U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	UG/KG	TOLUENE
14U	UG/KG	CHLOROBENZENE
14U	UG/KG	ETHYL BENZENE
14U	UG/KG	TOTAL XYLENES
19	%	MOISTURE

****

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

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

03/05/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-OS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
14U	UG/KG	CHLOROMETHANE
14U	UG/KG	BROMOMETHANE
14U	UG/KG	VINYL CHLORIDE
14U	UG/KG	CHLOROETHANE
14U	UG/KG	METHYLENE CHLORIDE
14U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	UG/KG	1,1-DICHLOROETHANE
14U	UG/KG	TRANS-1,2-DICHLOROETHENE
14U	UG/KG	CHLOROFORM
14U	UG/KG	1,2-DICHLOROETHANE
14U	UG/KG	1,1,1-TRICHLOROETHANE
14U	UG/KG	CARBON TETRACHLORIDE
14U	UG/KG	BROMODICHLOROMETHANE
14U	UG/KG	1,2-DICHLOROPROPANE
28U	UG/KG	TRANS-1,3-DICHLOROPROPENE
14U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	UG/KG	BENZENE
14U	UG/KG	DIBROMOCHLOROMETHANE
14U	UG/KG	1,1,2-TRICHLOROETHANE
28U	UG/KG	CIS-1,3-DICHLOROPROPENE
28U	UG/KG	2-CHLOROETHYLVINYL ETHER
14U	UG/KG	BROMOFORM
14U	UG/KG	1,1,2,2-TETRACHLOROETHANE
14U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	UG/KG	TOLUENE
14U	UG/KG	CHLOROBENZENE
14U	UG/KG	ETHYL BENZENE
14U	UG/KG	TOTAL XYLENES
19	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
140U	ACETONE
140U	METHYL ETHYL KETONE
140U	CARBON DISULFIDE
140U	METHYL BUTYL KETONE
140U	METHYL ISOBUTYL KETONE
140U	STYRENE
140U	VINYL ACETATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADUNE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
140U	ACETONE
140U	METHYL ETHYL KETONE
140U	CARBON DISULFIDE
140U	METHYL BUTYL KETONE
140U	METHYL ISOBUTYL KETONE
140U	STYRENE
140U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: ANBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
23	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
23	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
32	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
3.4J	UG/L	ETHYL BENZENE
21	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
1.8J	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
0.5J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
19	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: H BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ERD,REC 10
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
.3,1J	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
1.5J	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
13	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
8.1	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
4.6J	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
9.1	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
99	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C34711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW: MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
5U	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
0.8J	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
FDA-FED.REG IV
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

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

RESULTS IN: UG/L	COMPOUND NAME
500	ACETONE
500	METHYL ETHYL KETONE
500	CARBON DISULFIDE
500	METHYL BUTYL KETONE
500	METHYL ISOBUTYL KETONE
500	STYRENE
500	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87CJ4713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE
7JN	ISOPROPYLETHER

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE
4JN	CIS 1,2 DICHLOROETHENE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C04701 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

****

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: W7C16701 SAMPLE TYPE: BLKWA

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: S8F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

01/15/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C44700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS IN: UG/KG	COMPOUND NAME
4400U	BENZOIC ACID
2200U	2-METHYLPHENOL
2200U	4-METHYLPHENOL
2200U	2,4,5-TRICHLOROPHENOL
2200U	BENZYL ALCOHOL
4400U	4-CHLOROANILINE
2200U	DIBENZOFURAN
2200U	2-METHYLNAPHTHALENE
2200U	2-NITROANILINE
2200U	3-NITROANILINE
2200U	4-NITROANILINE
400JN	TETRADECANOIC ACID
2000JN	HEXADECANOIC ACID
1000JN	OCTADECANOIC ACID
300JN	METHYLFLUORANTHENE
N	PETROLEUM PRODUCT

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

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

RESULTS IN: UG/KG	COMPOUND NAME
4700U	BENZOIC ACID
2400U	2-METHYLPHENOL
2400U	4-METHYLPHENOL
2400U	2,4,5-TRICHLOROPHENOL
2400U	BENZYL ALCOHOL
4700U	4-CHLOROANILINE
2400U	DIBENZOFURAN
2400U	2-METHYLNAPHTHALENE
2400U	2-NITROANILINE
2400U	3-NITROANILINE
2400U	4-NITROANILINE
800JN	HEXADECANOIC ACID
300JN	OCTADECANOIC ACID

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
32000U	BENZOIC ACID
16000U	2-METHYLPHENOL
16000U	4-METHYLPHENOL
16000U	2,4,5-TRICHLOROPHENOL
16000U	BENZYL ALCOHOL
32000U	4-CHLOROANILINE
16000U	DIBENZOFURAN
16000U	2-METHYLNAPHTHALENE
16000U	2-NITROANILINE
16000U	3-NITROANILINE
16000U	4-NITROANILINE
30000JN	C3 ALKYLBENZENE (3 ISOMERS)
70000JN	C4 ALKYLBENZENE (7 ISOMERS)
10000JN	C6 ALKYLBENZENE (2 ISOMERS)
3000JN	TETRADECANOIC ACID
50000JN	HEXADECANOIC ACID
10000JN	OCTADECANOIC ACID
N	PETROLEUM PRODUCT

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

[illegible]

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

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

RESULTS	UNITS	COMPOUND
43000U	UG/KG	1,3-DICHLOROBENZENE
43000U	UG/KG	1,4-DICHLOROBENZENE
43000U	UG/KG	1,2-DICHLOROBENZENE
43000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
43000U	UG/KG	HEXACHLOROETHANE
43000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
43000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
43000U	UG/KG	NITROBENZENE
43000U	UG/KG	HEXACHLOROBUTADIENE
43000U	UG/KG	1,2,4-TRICHLOROBENZENE
43000U	UG/KG	NAPHTHALENE
43000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
43000U	UG/KG	ISOPHORONE
43000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
43000U	UG/KG	2-CHLORONAPHTHALENE
43000U	UG/KG	ACENAPHTHYLENE
43000U	UG/KG	ACENAPHTHENE
43000U	UG/KG	DIMETHYL PHTHALATE
43000U	UG/KG	2,4-DINITROTOLUENE
43000U	UG/KG	2,6-DINITROTOLUENE
43000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
43000U	UG/KG	FLUORENE
43000U	UG/KG	DIETHYL PHTHALATE
43000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
43000U	UG/KG	HEXACHLOROBENZENE (HCB)
43000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
43000U	UG/KG	PHENANTHRENE
43000U	UG/KG	ANTHRACENE
43000U	UG/KG	DI-N-BUTYLPHTHALATE
43000U	UG/KG	FLUORANTHENE
43000U	UG/KG	PYRENE
43000U	UG/KG	BENZYL BUTYL PHTHALATE
43000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
43000U	UG/KG	BENZO(A)ANTHRACENE
43000U	UG/KG	CHRYSENE
43000U	UG/KG	3,3'-DICHLOROBENZIDINE
43000U	UG/KG	DI-N-OCTYLPHTHALATE
43000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
43000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
43000U	UG/KG	BENZO-A-PYRENE
43000U	UG/KG	INDENO (1,2,3-CD) PYRENE
43000U	UG/KG	DIBENZO(A,H)ANTHRACENE
43000U	UG/KG	BENZO(GHI)PERYLENE
43000U	UG/KG	2-CHLOROPHENOL
43000U	UG/KG	2-NITROPHENOL
43000U	UG/KG	PHENOL
43000U	UG/KG	2,4-DIMETHYLPHENOL
43000U	UG/KG	2,4-DICHLOROPHENOL
43000U	UG/KG	2,4,6-TRICHLOROPHENOL
43000U	UG/KG	4-CHLORO-3-METHYLPHENOL
86000U	UG/KG	2,4-DINITROPHENOL
86000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
86000U	UG/KG	PENTACHLOROPHENOL
86000U	UG/KG	4-NITROPHENOL
39	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
860000U	BENZOIC ACID
430000U	2-METHYLPHENOL
430000U	4-METHYLPHENOL
430000U	2,4,5-TRICHLOROPHENOL
430000U	BENZYL ALCOHOL
860000U	4-CHLOROANILINE
430000U	DIBENZOFURAN
430000U	2-METHYLNAPHTHALENE
430000U	2-NITROANILINE
430000U	3-NITROANILINE
430000U	4-NITROANILINE
10000JN	C4 ALKYLBENZENE (3 ISOMERS)
5000JN	C3 ALKYLNAPHTHALENE
30000JN	TETRADECANOIC ACID
130000JN	HEXADECANOIC ACID
60000JN	OCTADECANOIC ACID
N	PETROLEUM PRODUCT

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS	UNITS	COMPOUND
1800U	UG/KG	1,3-DICHLOROBENZENE
1800U	UG/KG	1,4-DICHLOROBENZENE
1800U	UG/KG	1,2-DICHLOROBENZENE
1800U	UG/KG	BIS(2-CHLOROETHYL) ETHER
1800U	UG/KG	HEXACHLOROETHANE
1800U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
1800U	UG/KG	N-NITROSODI-N-PROPYLAMINE
1800U	UG/KG	NITROBENZENE
1800U	UG/KG	HEXACHLOROBUTADIENE
1800U	UG/KG	1,2,4-TRICHLOROBENZENE
1800U	UG/KG	NAPHTHALENE
1800U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
1800U	UG/KG	ISOPHORONE
1800U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1800U	UG/KG	2-CHLORONAPHTHALENE
1800U	UG/KG	ACENAPHTHYLENE
1800U	UG/KG	ACENAPHTHENE
1800U	UG/KG	DIMETHYL PHTHALATE
1800U	UG/KG	2,4-DINITROTOLUENE
1800U	UG/KG	2,6-DINITROTOLUENE
1800U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1800U	UG/KG	FLUORENE
1800U	UG/KG	DIETHYL PHTHALATE
1800U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1800U	UG/KG	HEXACHLOROBENZENE (HCB)
1800U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1800U	UG/KG	PHENANTHRENE
1800U	UG/KG	ANTHRACENE
1800U	UG/KG	DI-N-BUTYLPHTHALATE
1800U	UG/KG	FLUORANTHENE
1800U	UG/KG	PYRENE
1800U	UG/KG	BENZYL BUTYL PHTHALATE
1800U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
1800U	UG/KG	BENZO(A)ANTHRACENE
1800U	UG/KG	CHRYSENE
1800U	UG/KG	3,3'-DICHLOROBENZIDINE
1800U	UG/KG	DI-N-OCTYLPHTHALATE
1800U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1800U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1800U	UG/KG	BENZO-A-PYRENE
1800U	UG/KG	INDENO (1,2,3-CD) PYRENE
1800U	UG/KG	DIBENZO(A,H)ANTHRACENE
1800U	UG/KG	BENZO(GHI)PERYLENE
1800U	UG/KG	2-CHLOROPHENOL
1800U	UG/KG	2-NITROPHENOL
1800U	UG/KG	PHENOL
1800U	UG/KG	2,4-DIMETHYLPHENOL
1800U	UG/KG	2,4-DICHLOROPHENOL
1800U	UG/KG	2,4,6-TRICHLOROPHENOL
1800U	UG/KG	4-CHLORO-3-METHYLPHENOL
3600U	UG/KG	2,4-DINITROPHENOL
3600U	UG/KG	2-METHYL-4,6-DINITROPHENOL
3600U	UG/KG	PENTACHLOROPHENOL
3600U	UG/KG	4-NITROPHENOL
31	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
3600U	BENZOIC ACID
1800U	2-METHYLPHENOL
1800U	4-METHYLPHENOL
1800U	2,4,5-TRICHLOROPHENOL
1800U	BENZYL ALCOHOL
3600U	4-CHLOROANILINE
1800U	DIBENZOFURAN
1800U	2-METHYLNAPHTHALENE
1800U	2-NITROANILINE
1800U	3-NITROANILINE
1800U	4-NITROANILINE
200JN	HEXADECANOIC ACID

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D6 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS	UNITS	COMPOUND
1500U	UG/KG	1,3-DICHLOROBENZENE
1500U	UG/KG	1,4-DICHLOROBENZENE
1500U	UG/KG	1,2-DICHLOROBENZENE
1500U	UG/KG	BIS(2-CHLOROETHYL) ETHER
1500U	UG/KG	HEXACHLOROETHANE
1500U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
1500U	UG/KG	N-NITROSODI-N-PROPYLAMINE
1500U	UG/KG	NITROBENZENE
1500U	UG/KG	HEXACHLOROBUTADIENE
1500U	UG/KG	1,2,4-TRICHLOROBENZENE
1500U	UG/KG	NAPHTHALENE
1500U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
1500U	UG/KG	ISOPHORONE
1500U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1500U	UG/KG	2-CHLORONAPHTHALENE
1500U	UG/KG	ACENAPHTHYLENE
1500U	UG/KG	ACENAPHTHENE
1500U	UG/KG	DIMETHYL PHTHALATE
1500U	UG/KG	2,4-DINITROTOLUENE
1500U	UG/KG	2,6-DINITROTOLUENE
1500U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1500U	UG/KG	FLUORENE
1500U	UG/KG	DIETHYL PHTHALATE
1500U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1500U	UG/KG	HEXACHLOROBENZENE (HCB)
1500U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1500U	UG/KG	PHENANTHRENE
1500U	UG/KG	ANTHRACENE
1500U	UG/KG	DI-N-BUTYLPHTHALATE
1500U	UG/KG	FLUORANTHENE
1500U	UG/KG	PYRENE
1500U	UG/KG	BENZYL BUTYL PHTHALATE
1500U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
1500U	UG/KG	BENZO(A)ANTHRACENE
1500U	UG/KG	CHRYSENE
1500U	UG/KG	3,3'-DICHLOROBENZIDINE
1500U	UG/KG	DI-N-OCTYLPHTHALATE
1500U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1500U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1500U	UG/KG	BENZO-A-PYRENE
1500U	UG/KG	INDENO (1,2,3-CD) PYRENE
1500U	UG/KG	DIBENZO(A,H)ANTHRACENE
1500U	UG/KG	BENZO(GHI)PERYLENE
1500U	UG/KG	2-CHLOROPHENOL
1500U	UG/KG	2-NITROPHENOL
1500U	UG/KG	PHENOL
1500U	UG/KG	2,4-DIMETHYLPHENOL
1500U	UG/KG	2,4-DICHLOROPHENOL
1500U	UG/KG	2,4,6-TRICHLOROPHENOL
1500U	UG/KG	4-CHLORO-3-METHYLPHENOL
2900U	UG/KG	2,4-DINITROPHENOL
2900U	UG/KG	2-METHYL-4,6-DINITROPHENOL
2900U	UG/KG	PENTACHLOROPHENOL
2900U	UG/KG	4-NITROPHENOL
19	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS IN: UG/KG	COMPOUND NAME
2900U	BENZOIC ACID
1500U	2-METHYLPHENOL
1500U	4-METHYLPHENOL
1500U	2,4,5-TRICHLOROPHENOL
1500U	BENZYL ALCOHOL
2900U	4-CHLOROANILINE
1500U	DIBENZOFURAN
1500U	2-METHYLNAPHTHALENE
1500U	2-NITROANILINE
1500U	3-NITROANILINE
1500U	4-NITROANILINE
300JN	HEXADECANOIC ACID
400JN	ETHYLIDENEBIS(C2 ALKYLBENZENE)
N	PETROLEUM PRODUCT

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDH UPSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
2JN	BUTOXYETHANOL
8JN	CAFFEINE

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO: NEEP

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
3JN	BUTOXYETHANOL

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
1JN	BUTOXYETHANOL
3JN	CAFFEINE

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87

EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20UJ	BENZOIC ACID
10UJ	2-METHYLPHENOL
10UJ	4-METHYLPHENOL
10UJ	2,4,5-TRICHLOROPHENOL
10UJ	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
2JN	BUTOXYETHANOL
2JN	CAPROLACTAM

****

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADUNE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
3JN	BENZOTHIAZOLONE
3JN	ETHYLMETHYLBENZENESULFONAMIDE
2JN	CYCLOHEXYLMETHYLBENZENESULFONAMIDE
2JN	TRI(BUTOXYETHANOL)PHOSPHATE
50J	2 UNIDENTIFIED COMPOUNDS

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
1JN	BUTOXYETHANOL
30JN	CAPROLACTAM
5JN	ETHYLMETHYLBENZENESULFONAMIDE
8JN	METHYLHEPTADECANOIC ACID,METHYL ESTER

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLGUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
20JN	CAPROLACTAM
20J	1 UNIDENTIFIED COMPOUND

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

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14699 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDN UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.039U	UG/L	ALDRIN
0.039U	UG/L	HEPTACHLOR
0.039U	UG/L	HEPTACHLOR EPOXIDE
0.039U	UG/L	ALPHA-BHC
0.039U	UG/L	BETA-BHC
0.039U	UG/L	GAMMA-BHC (LINDANE)
0.039U	UG/L	DELTA-BHC
0.060U	UG/L	ENDOSULFAN I (ALPHA)
0.060	UG/L	DIELDRIN
0.11U	UG/L	4,4'-DDT (P,P'-DDT)
0.11U	UG/L	4,4'-DDE (P,P'-DDE)
0.11U	UG/L	4,4'-DDD (P,P'-DDD)
0.060U	UG/L	ENDRIN
0.11U	UG/L	ENDOSULFAN II (BETA)
0.17U	UG/L	ENDOSULFAN SULFATE
0.27U	UG/L	CHLORDANE (TECH. MIXTURE) /1
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
3.0U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.31U	UG/L	METHOXYCHLOR
0.17U	UG/L	ENDRIN KETONE

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N I-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14702 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SF SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.020U	UG/L	ALDRIN
0.020U	UG/L	HEPTACHLOR
0.073	UG/L	HEPTACHLOR EPOXIDE
0.020U	UG/L	ALPHA-BHC
0.020U	UG/L	BETA-BHC
0.020U	UG/L	GAMMA-BHC (LINDANE)
0.020U	UG/L	DELTA-BHC
0.094U	UG/L	ENDOSULFAN I (ALPHA)
0.094	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.065U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.045U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.19U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.57U	UG/L	PCB-1242 (AROCLOR 1242)
0.57U	UG/L	PCB-1254 (AROCLOR 1254)
0.57U	UG/L	PCB-1221 (AROCLOR 1221)
0.57U	UG/L	PCB-1232 (AROCLOR 1232)
0.57U	UG/L	PCB-1248 (AROCLOR 1248)
0.57U	UG/L	PCB-1260 (AROCLOR 1260)
0.57U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.17U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *N 1=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
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*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14708 SAM LE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOC VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.014U	UG/L	ALPHA-BHC
0.014U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N I-INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED. THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
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2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14710 SAM LE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.014U	UG/L	ALPHA-BHC
0.014U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

****

FOOT-OTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *E 1-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14703 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DN DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BENDY RECEIVED FROM R BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.046U	UG/L	ALDRIN
0.046U	UG/L	HEPTACHLOR
0.032A	UG/L	HEPTACHLOR EPOXIDE
0.013U	UG/L	ALPHA-BHC
0.046U	UG/L	BETA-BHC
0.046U	UG/L	GAMMA-BHC (LINDANE)
0.046U	UG/L	DELTA-BHC
0.057U	UG/L	ENDOSULFAN I (ALPHA)
0.057A	UG/L	DIELDRIN
0.12U	UG/L	4,4'-DDT (P,P'-DDT)
0.12U	UG/L	4,4'-DDE (P,P'-DDE)
0.12U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.12U	UG/L	ENDOSULFAN II (BETA)
0.19U	UG/L	ENDOSULFAN SULFATE
--	UG/L	CHLORDANE (TECH. MIXTURE) /1
1.3U	UG/L	PCB-1242 (AROCLOR 1242)
1.3U	UG/L	PCB-1254 (AROCLOR 1254)
1.3U	UG/L	PCB-1221 (AROCLOR 1221)
1.3U	UG/L	PCB-1232 (AROCLOR 1232)
1.3U	UG/L	PCB-1248 (AROCLOR 1248)
1.3U	UG/L	PCB-1260 (AROCLOR 1260)
1.3U	UG/L	PCB-1016 (AROCLOR 1016)
3.4U	UG/L	TOXAPHENE
0.051U	UG/L	CHLORDENE /2
0.051U	UG/L	ALPHA-CHLORDENE /2
0.057U	UG/L	BETA CHLORDENE /2
0.057U	UG/L	GAMMA-CHLORDENE /2
0.070A	UG/L	1-HYDROXYCHLORDENE /2
0.051U	UG/L	GAMMA-CHLORDANE /2
0.051U	UG/L	TRANS-NONACHLOR /2
0.051U	UG/L	ALPHA-CHLORDANE /2
0.051U	UG/L	CIS-NONACHLOR /2
0.35U	UG/L	METHOXYCHLOR
0.19U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *N I=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14711 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.023U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPOXIDE
0.023U	UG/L	ALPHA-BHC
0.023U	UG/L	BETA-BHC
0.023U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.046N	UG/L	ENDOSULFAN I (ALPHA)
0.029U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.055U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.28U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.55U	UG/L	PCB-1242 (AROCLOR 1242)
0.55U	UG/L	PCB-1254 (AROCLOR 1254)
0.55U	UG/L	PCB-1221 (AROCLOR 1221)
0.55U	UG/L	PCB-1232 (AROCLOR 1232)
0.55U	UG/L	PCB-1248 (AROCLOR 1248)
0.55U	UG/L	PCB-1260 (AROCLOR 1260)
0.55U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
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*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED. THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMEN SYSTEM
EPA-EBD,REG IV
ATHENS GEORGIA

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14712 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.021U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.038U	UG/L	ALPHA-BHC
0.021U	UG/L	BETA-BHC
0.021U	UG/L	GAMMA-BHC (LINDANE)
0.021U	UG/L	DELTA-BHC
0.042U	UG/L	ENDOSULFAN I (ALPHA)
0.034U	UG/L	DIELDRIN
0.082U	UG/L	4,4'-DDT (P,P'-DDT)
0.082U	UG/L	4,4'-DDE (P,P'-DDE)
0.082U	UG/L	4,4'-DDD (P,P'-DDD)
0.034U	UG/L	ENDRIN
0.082U	UG/L	ENDOSULFAN II (BETA)
0.13U	UG/L	ENDOSULFAN SULFATE
0.18U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.46U	UG/L	PCB-1242 (AROCLOR 1242)
0.50U	UG/L	PCB-1254 (AROCLOR 1254)
0.46U	UG/L	PCB-1221 (AROCLOR 1221)
0.46U	UG/L	PCB-1232 (AROCLOR 1232)
0.46U	UG/L	PCB-1248 (AROCLOR 1248)
0.50U	UG/L	PCB-1260 (AROCLOR 1260)
0.46U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.13U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMEN SYSTEM
EPA-EBD, REG IV
ATHENS GEORGIA

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14713 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.023U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPOXIDE
0.019U	UG/L	ALPHA-BHC
0.023U	UG/L	BETA-BHC
0.023U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.034U	UG/L	ENDOSULFAN I (ALPHA)
0.034U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.034U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14714 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACOADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.014U	UG/L	ALPHA-BHC
0.014U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

****

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
3.1U	UG/KG	ALDRIN
3.5U	UG/KG	HEPTACHLOR
16	UG/KG	HEPTACHLOR EPOXIDE
1.4U	UG/KG	ALPHA-BHC
7.6U	UG/KG	BETA-BHC
1.8U	UG/KG	GAMMA-BHC (LINDANE)
4.9U	UG/KG	DELTA-BHC
19U	UG/KG	ENDOSULFAN I (ALPHA)
40	UG/KG	DIELDRIN
6.9J	UG/KG	4,4'-DDT (P,P'-DDT)
13	UG/KG	4,4'-DDE (P,P'-DDE)
5.8	UG/KG	4,4'-DDD (P,P'-DDD)
13U	UG/KG	ENDRIN
12U	UG/KG	ENDOSULFAN II (BETA)
30U	UG/KG	ENDOSULFAN SULFATE
--	UG/KG	CHLORDANE (TECH. MIXTURE) /1
50U	UG/KG	PCB-1242 (AROCLOR 1242)
240U	UG/KG	PCB-1254 (AROCLOR 1254)
50U	UG/KG	PCB-1221 (AROCLOR 1221)
50U	UG/KG	PCB-1232 (AROCLOR 1232)
50U	UG/KG	PCB-1248 (AROCLOR 1248)
240U	UG/KG	PCB-1260 (AROCLOR 1260)
50U	UG/KG	PCB-1016 (AROCLOR 1016)
360U	UG/KG	TOXAPHENE
6.1U	UG/KG	CHLORDENE /2
6.1U	UG/KG	ALPHA-CHLORDENE /2
8.4U	UG/KG	BETA CHLORDENE /2
9.1U	UG/KG	GAMMA-CHLORDENE /2
13U	UG/KG	1-HYDROXYCHLORDENE /2
59	UG/KG	GAMMA-CHLORDANE /2
35U	UG/KG	TRANS-NONACHLOR /2
36	UG/KG	ALPHA-CHLORDANE /2
7.3	UG/KG	CIS-NONACHLOR /2
34U	UG/KG	METHOXYCHLOR
52U	UG/KG	ENDRIN KETONE
47	%	MOISTURE

****

FOOTNOTES
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
7.6U	UG/KG	ALDRIN
3.8U	UG/KG	HEPTACHLOR
5.8	UG/KG	HEPTACHLOR EPOXIDE
1.5U	UG/KG	ALPHA-BHC
6.9U	UG/KG	BETA-BHC
1.9U	UG/KG	GAMMA-BHC (LINDANE)
5.7U	UG/KG	DELTA-BHC
6.7U	UG/KG	ENDOSULFAN I (ALPHA)
12U	UG/KG	DIELDRIN
25U	UG/KG	4,4'-DDT (P,P'-DDT)
6.2	UG/KG	4,4'-DDE (P,P'-DDE)
14U	UG/KG	4,4'-DDD (P,P'-DDD)
14U	UG/KG	ENDRIN
13U	UG/KG	ENDOSULFAN II (BETA)
30U	UG/KG	ENDOSULFAN SULFATE
140U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
87U	UG/KG	PCB-1242 (AROCLOR 1242)
140U	UG/KG	PCB-1254 (AROCLOR 1254)
87U	UG/KG	PCB-1221 (AROCLOR 1221)
87U	UG/KG	PCB-1232 (AROCLOR 1232)
87U	UG/KG	PCB-1248 (AROCLOR 1248)
140U	UG/KG	PCB-1260 (AROCLOR 1260)
87U	UG/KG	PCB-1016 (AROCLOR 1016)
490U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
30U	UG/KG	METHOXYCHLOR
100U	UG/KG	ENDRIN KETONE
47	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
4.1U	UG/KG	ALDRIN
6.7U	UG/KG	HEPTACHLOR
9.7U	UG/KG	HEPTACHLOR EPOXIDE
11U	UG/KG	ALPHA-BHC
10U	UG/KG	BETA-BHC
11U	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	DELTA-BHC
11U	UG/KG	ENDOSULFAN I (ALPHA)
16U	UG/KG	DIELDRIN
28U	UG/KG	4,4'-DDT (P,P'-DDT)
23U	UG/KG	4,4'-DDE (P,P'-DDE)
24U	UG/KG	4,4'-DDD (P,P'-DDD)
13U	UG/KG	ENDRIN
23U	UG/KG	ENDOSULFAN II (BETA)
17U	UG/KG	ENDOSULFAN SULFATE
56U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
220U	UG/KG	PCB-1242 (AROCLOR 1242)
150U	UG/KG	PCB-1254 (AROCLOR 1254)
220U	UG/KG	PCB-1221 (AROCLOR 1221)
220U	UG/KG	PCB-1232 (AROCLOR 1232)
220U	UG/KG	PCB-1248 (AROCLOR 1248)
150U	UG/KG	PCB-1260 (AROCLOR 1260)
220U	UG/KG	PCB-1016 (AROCLOR 1016)
730U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
27U	UG/KG	METHOXYCHLOR
65U	UG/KG	ENDRIN KETONE
23	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
170U	UG/KG	ALDRIN
90U	UG/KG	HEPTACHLOR
270U	UG/KG	HEPTACHLOR EPOXIDE
120U	UG/KG	ALPHA-BHC
140U	UG/KG	BETA-BHC
170U	UG/KG	GAMMA-BHC (LINDANE)
170U	UG/KG	DELTA-BHC
390U	UG/KG	ENDOSULFAN I (ALPHA)
480U	UG/KG	DIELDRIN
1100U	UG/KG	4,4'-DDT (P,P'-DDT)
590U	UG/KG	4,4'-DDE (P,P'-DDE)
660U	UG/KG	4,4'-DDD (P,P'-DDD)
700U	UG/KG	ENDRIN
630U	UG/KG	ENDOSULFAN II (BETA)
1300U	UG/KG	ENDOSULFAN SULFATE
24000U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
4600U	UG/KG	PCB-1242 (AROCLOR 1242)
7100U	UG/KG	PCB-1254 (AROCLOR 1254)
4600U	UG/KG	PCB-1221 (AROCLOR 1221)
4600U	UG/KG	PCB-1232 (AROCLOR 1232)
4600U	UG/KG	PCB-1248 (AROCLOR 1248)
7100U	UG/KG	PCB-1260 (AROCLOR 1260)
4600U	UG/KG	PCB-1016 (AROCLOR 1016)
260000U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
1700U	UG/KG	METHOXYCHLOR
1400U	UG/KG	ENDRIN KETONE
39	%	MOISTURE

****

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
1.2U	UG/KG	ALDRIN
1.2U	UG/KG	HEPTACHLOR
2.1U	UG/KG	HEPTACHLOR EPOXIDE
0.96U	UG/KG	ALPHA-BHC
3.6U	UG/KG	BETA-BHC
1.2U	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	DELTA-BHC
6.5U	UG/KG	ENDOSULFAN I (ALPHA)
3.6U	UG/KG	DIELDRIN
9.2U	UG/KG	4,4'-DDT (P,P'-DDT)
3.6U	UG/KG	4,4'-DDE (P,P'-DDE)
6.5U	UG/KG	4,4'-DDD (P,P'-DDD)
6.5U	UG/KG	ENDRIN
6.5U	UG/KG	ENDOSULFAN II (BETA)
14U	UG/KG	ENDOSULFAN SULFATE
16U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
34U	UG/KG	PCB-1242 (AROCLOR 1242)
60U	UG/KG	PCB-1254 (AROCLOR 1254)
34U	UG/KG	PCB-1221 (AROCLOR 1221)
34U	UG/KG	PCB-1232 (AROCLOR 1232)
34U	UG/KG	PCB-1248 (AROCLOR 1248)
60U	UG/KG	PCB-1260 (AROCLOR 1260)
34U	UG/KG	PCB-1016 (AROCLOR 1016)
240U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
22U	UG/KG	METHOXYCHLOR
22U	UG/KG	ENDRIN KETONE
31	%	MOISTURE

****

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D8 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
14U	UG/KG	ALDRIN
14U	UG/KG	HEPTACHLOR
6.6J	UG/KG	HEPTACHLOR EPOXIDE
5.4	UG/KG	ALPHA-BHC
18	UG/KG	BETA-BHC
8.0U	UG/KG	GAMMA-BHC (LINDANE)
54	UG/KG	DELTA-BHC
5.0U	UG/KG	ENDOSULFAN I (ALPHA)
16	UG/KG	DIELDRIN
11U	UG/KG	4,4'-DDT (P,P'-DDT)
7.3U	UG/KG	4,4'-DDE (P,P'-DDE)
13	UG/KG	4,4'-DDD (P,P'-DDD)
6.0U	UG/KG	ENDRIN
12U	UG/KG	ENDOSULFAN II (BETA)
17U	UG/KG	ENDOSULFAN SULFATE
--	UG/KG	CHLORDANE (TECH. MIXTURE) /1
120U	UG/KG	PCB-1242 (AROCLOR 1242)
66U	UG/KG	PCB-1254 (AROCLOR 1254)
120U	UG/KG	PCB-1221 (AROCLOR 1221)
120U	UG/KG	PCB-1232 (AROCLOR 1232)
120U	UG/KG	PCB-1248 (AROCLOR 1248)
66U	UG/KG	PCB-1260 (AROCLOR 1260)
120U	UG/KG	PCB-1016 (AROCLOR 1016)
260U	UG/KG	TOXAPHENE
6.6U	UG/KG	CHLORDENE /2
26U	UG/KG	ALPHA-CHLORDENE /2
12U	UG/KG	BETA CHLORDENE /2
13U	UG/KG	GAMMA-CHLORDENE /2
13U	UG/KG	1-HYDROXYCHLORDENE /2
16	UG/KG	GAMMA-CHLORDANE /2
11U	UG/KG	TRANS-NONACHLOR /2
9.4	UG/KG	ALPHA-CHLORDANE /2
5.5U	UG/KG	CIS-NONACHLOR /2
20U	UG/KG	METHOXYCHLOR
26U	UG/KG	ENDRIN KETONE
19	%	MOISTURE

****

FOOTNOTES
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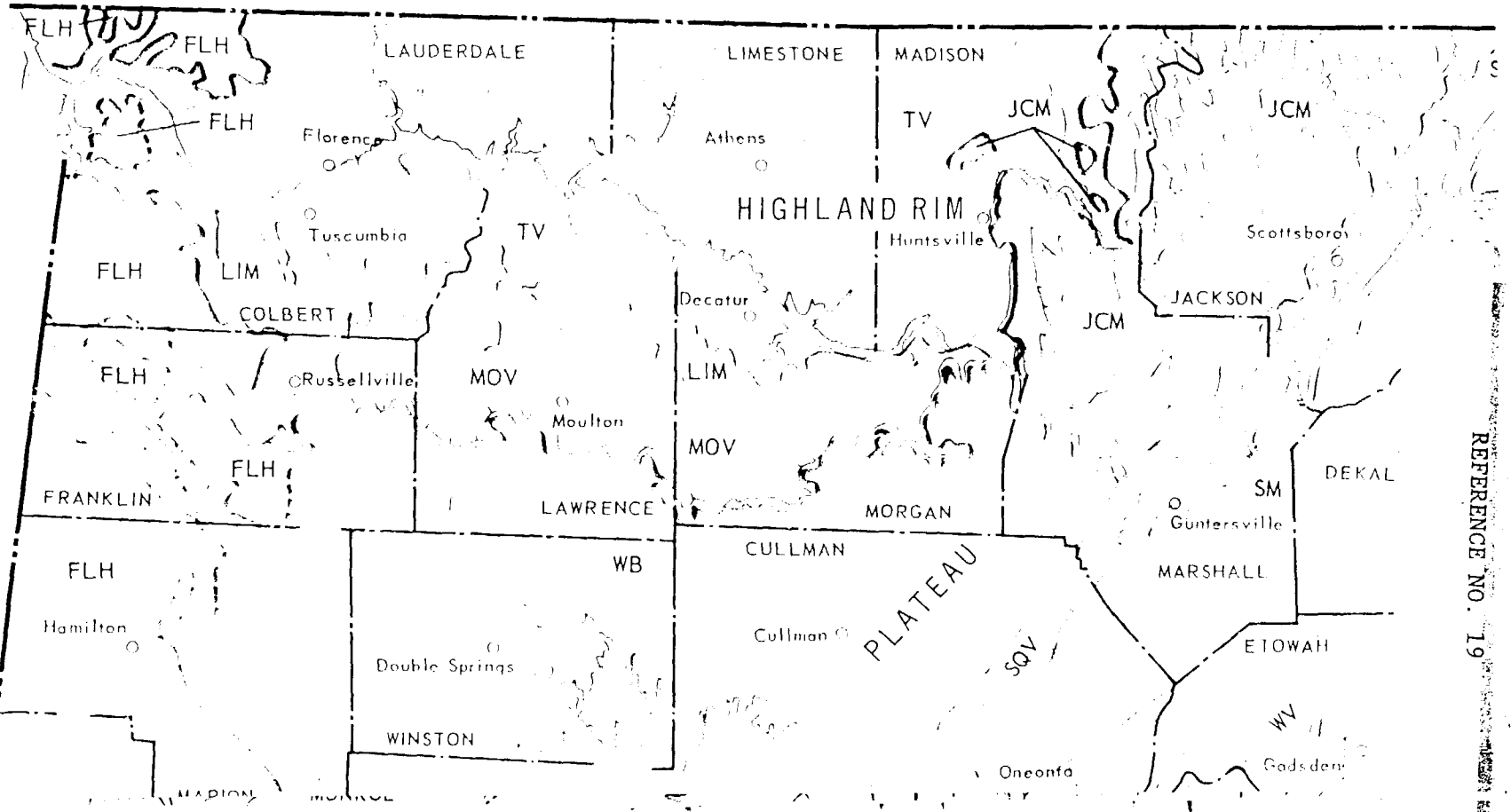
GEOLOGICAL SURVEY OF ALABAMA



REFERENCE NO. 19

PHYSIOGRAPHIC REGIONS OF ALABAMA

STATE OF ALABAMA
GEOLOGICAL SURVEY

COV

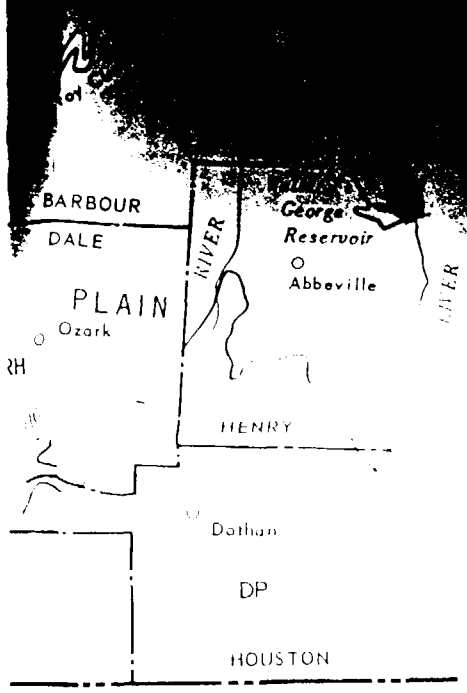
Prepared by C. Daniel Sapp and Jacques Emplaincourt

CLASSIFICATION[1]

Physiographic Section	District (and Map Symbol)	Physiographic Section	District (and Map Symbol)

Subdistrict boundary

Scarp or escarpment

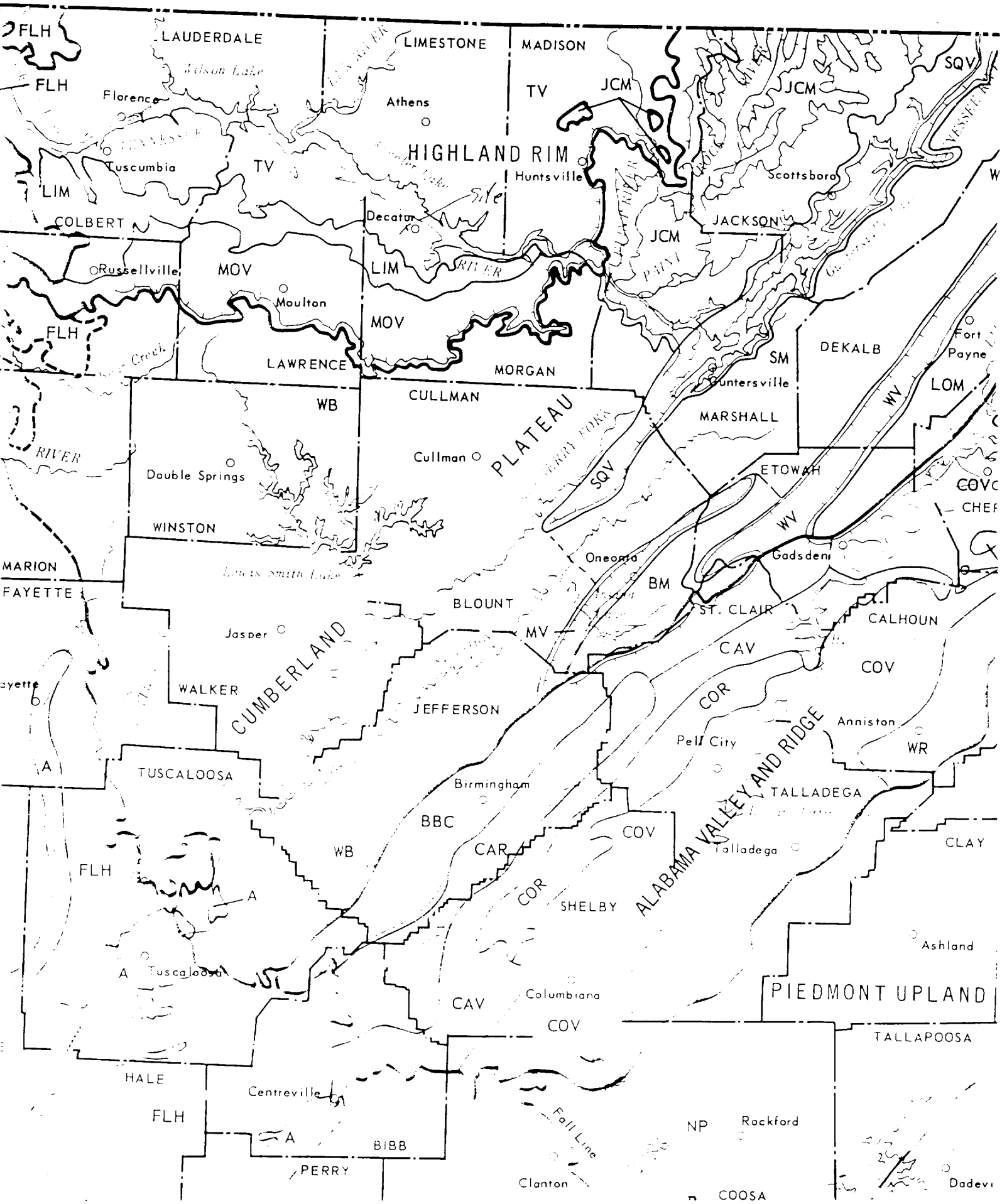


Section and District boundaries were positioned through analysis of 1:250,000 scale USGS topographic maps and ERTS-1 imagery of Alabama.

This physiographic map was originally compiled with the aid of NASA funds granted under contract NAS5-21876, "Investigations Using Data in Alabama from Earth Resources Technology Satellite (ERTS-A)," and U.S. Dept. of the Interior, Earth Resources Observation Systems Program, funds granted under contract EROS 14-08-001-13377, "User Acceptance and Implementation of ERTS-A."

1975

SURVEY OF ALABAMA



)GRAPHIC REGIONS OF ALABAMA

STATE OF ALABAMA
GEOLOGICAL SURVEY

Prepared by C. Daniel Sapp and Jacques Emplaincourt

CLASSIFICATION*

Physiographic Section	District (and Map Symbol)
Highland Rim[a]	Tennessee Valley (TV)
	Little Mountain (LIM)
	Moulton Valley (MOV)
Cumberland Plateau[b]	Warrior Basin (WB)
	Jackson County Mountains (JCM)
	Sand Mountain (SM)
	Sequatchie Valley (SQV)
	Blount Mountain (BM)
	Murphrees Valley (MV)
	Wills Valley (WV)
	Lookout Mountain (LOM)
Alabama Valley and Ridge[c]	Coosa Valley (COV)
	Coosa Ridges (COR)
	Weisner Ridges (WR)
	Cahaba Valley (CAV)

Physiographic Section	District (and Map Symbol)
East Gulf Coastal Plain[e]	Fall Line Hills (FLH)
	Black Prairie (BP)
	Chunnenuggee Hills (CH)
	Southern Red Hills (SRH)
	Flatwoods (F) Subdistrict
	Buhrstone Hills (BH) Subdistric
	Lime Hills (LH)
	Hatchetigbee Dome (HD) Subdis
	Coastal Lowlands (CL)
	Southern Pine Hills (SPH)
	Dougherty Plain (DP)
	Alluvial-deltaic Plain (A,Ad)

MAP SYMBOLS

REFERENCE NO. 20

SOIL SURVEY

Morgan County Alabama

Series 1944, No. 10

Issued September 1958

UNITED STATES DEPARTMENT OF AGRICULTURE
Soil Conservation Service
In cooperation with the
ALABAMA DEPARTMENT OF AGRICULTURE AND INDUSTRIES
the
ALABAMA AGRICULTURAL EXPERIMENT STATION
and the
TENNESSEE VALLEY AUTHORITY

SS-Al052

Series 1944, No. 10. Issued September 1958

SOIL SURVEY OF MORGAN COUNTY, ALABAMA

By HOYT SHERARD, in Charge, and C. L. McINTYRE, Alabama Department of Agriculture and Industries; H. J. WESSON and R. S. FARNHAM, Alabama Agricultural Experiment Station; and A. H. HASTY, ROBERT WILDERMUTH, and G. A. SWENSON, Soil Survey,[1] Soil Conservation Service

Area inspected by J. W. MOON, Soil Scientist, Soil Survey

United States Department of Agriculture in cooperation with the Alabama Department of Agriculture and Industries, Alabama Agricultural Experiment Station, and Tennessee Valley Authority

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Colbert loam, hilly phase	44
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[1] Field work for this report was done when Soil Survey was a part of the Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration. Soil Survey was transferred to the Soil Conservation Service on Nov. 15, 1952.

underlying materials were less resistant to erosion. Within the valleys, however, are many small isolated mountains and knolls. These remain because they consisted of materials more resistant to geologic erosion.

PHYSIOGRAPHY AND RELIEF[2]

There are five distinct physiographic divisions in the county: (1) Redlands and alluvial plains; (2) rough mountain slopes; (3) Little Mountain plateau; (4) low limestone ridges and valleys; and (5) Sand Mountain plateau (fig. 2).

Redlands and alluvial plains.—This physiographic division extends along the Tennessee River from Laceys Spring on the east to the county line on the west. This area is underlain by the Tuscumbia (or St. Louis) limestone, which is gray to blue and contains some interstratified chert. Little rock is on the surface, except in a few small isolated areas. The weathering of Tuscumbia limestone has given rise to many of the red soils. The area this limestone underlies has been altered somewhat by erosion and stream action. A major portion of the soils in this section are of alluvial and colluvial nature. The surface is undulating to gently rolling; a major part of it has slopes of 2 to 6 percent. The drainage is partially affected by underground channels. The elevation ranges from 556 feet, the Wheeler Reservoir high water mark, to about 670 feet above sea level. Decatur lies at 591 feet, Flint at 670, and Trinity at 633 feet.

Rough mountain slopes.—The stony eroded soils that make up this division lie north of the Little Mountain and the Sand Mountain plateaus (fig. 2).

Little Mountain plateau.—North of the low limestone ridges and valleys lies Little Mountain plateau on the Hartselle sandstone formation (fig. 2). It ranges from 2 to 8 miles wide and reaches elevations of 600 to 725 feet above sea level. Hartselle and Somerville are centrally located in this area, and their elevations are 660 and 718 feet above sea level, respectively. The highest point in this section is 800 feet, on a ridge just north of Somerville.

This plateau section is about 50 to 150 feet above the Moulton-Cotaco Valley to the south. Like Sand Mountain, it is a remnant of an old plateau, fairly smooth on top, but ragged along the northern edge where heads of streams have cut back into it. The dominant relief of the plateau is nearly level to rolling. The Hartselle sandstone formation, which underlies the plateau, consists of gray, red, or yellow sandstone, together with associated acid shales. The plateau dips slightly to the south. Along its northern rim, the sandstone appears to be rather thick bedded, but as it extends into this county it is somewhat thin bedded (pl. 1, *A*), and more or less interbedded with layers of shale.

Low limestone ridges and valleys.—Immediately north of the Sand Mountain plateau lies Moulton Valley to the west, Flint Valley in the center, and Cotaco Valley to the northeast. These three valleys are known collectively as the Moulton-Cotaco Valley (fig. 2). This undulating to rolling area (pl. 1, *B*) ranges from 575 to 625 feet above

[2] Elevations cited in this section are from U. S. Geol. Surv. topographic maps.

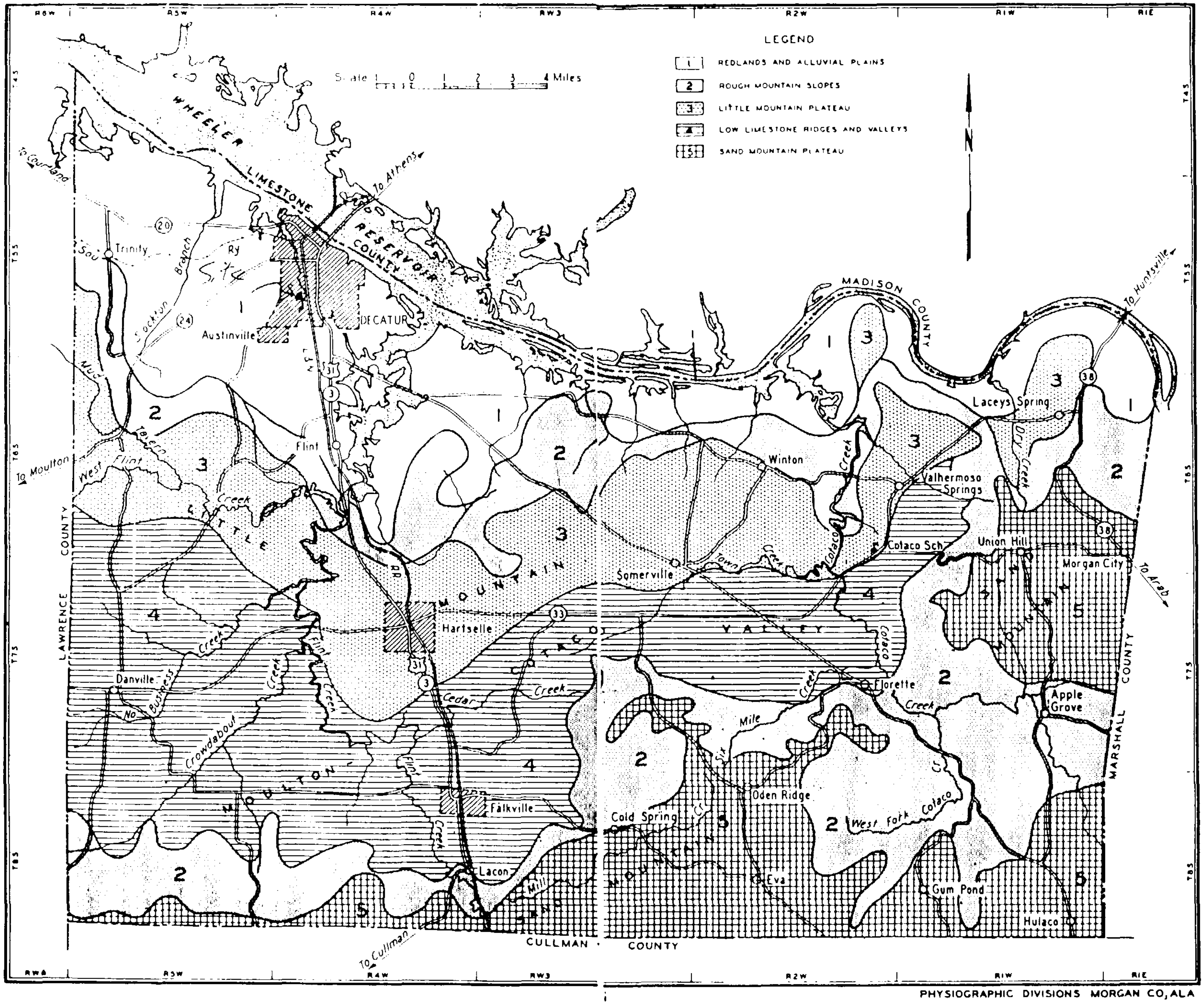
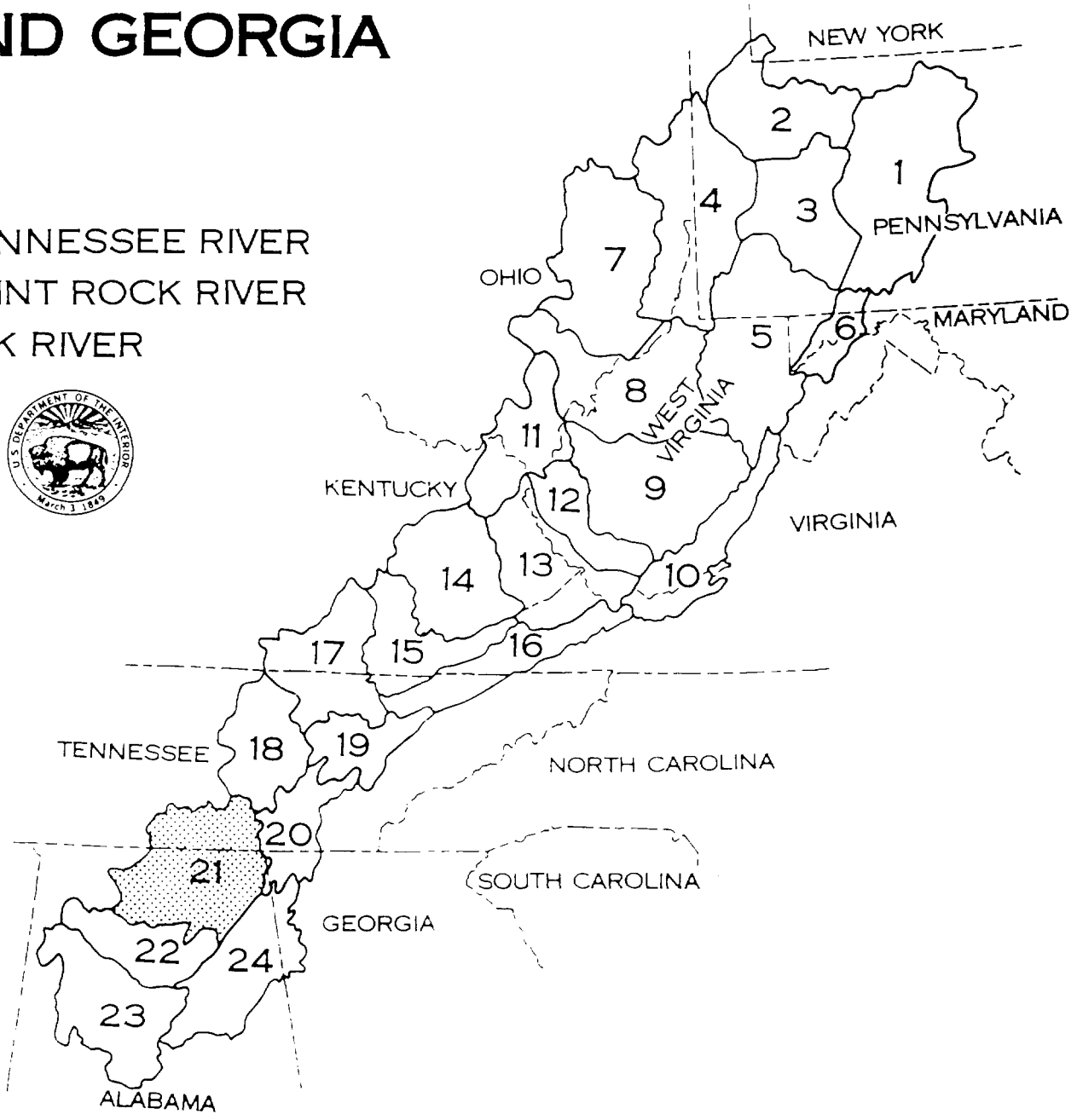


FIGURE 2.—Physiographic map of Morgan County, Ala., showing the drainage system.

REFERENCE NO. 21

HYDROLOGY OF AREA 21, EASTERN COAL PROVINCE, TENNESSEE, ALABAMA AND GEORGIA

- TENNESSEE RIVER
- PAINT ROCK RIVER
- ELK RIVER



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-RESOURCES INVESTIGATIONS
OPEN-FILE REPORT 82-679

HYDROLOGY OF AREA 21, EASTERN COAL PROVINCE, TENNESSEE, ALABAMA AND GEORGIA

BY

V. JEFF MAY AND OTHERS

U.S. GEOLOGICAL SURVEY
WATER-RESOURCES INVESTIGATIONS
OPEN-FILE REPORT 82-679

NASHVILLE, TENNESSEE
JULY 1983

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Climate of Area 21 is Moist and Temperate

Average annual precipitation is about 55 inches, and average annual temperature is about 59°F.

The average annual precipitation for the area is about 55 inches (fig. 2.6-1), but ranges from about 35 inches to about 70 inches (U.S. Department of Commerce, 1976 and 1977). Thunderstorms which often produce locally heavy rainfall occur about 60 days per year and are sometimes accompanied by damaging winds and extreme changes in temperature. The 25-year 24-hour rainfall (fig. 2.6-2) is about 6 inches (U.S. Department of Commerce, 1961). Maximum, minimum, and normal monthly precipitation at Huntsville, Ala., are considered to be representative of the area (fig. 2.6-3).

The average annual temperature for Area 21 is about 59°F with extremes seldom above 100°F or below 10°F. Daily maximum temperatures are above 90°F about 50 days per year. There is a frost-free season of about 200 days from early April to late October. Minimum temperatures below 10°F can occur in December, January, and February, but the number of days with such values is generally less than 2 in any year.

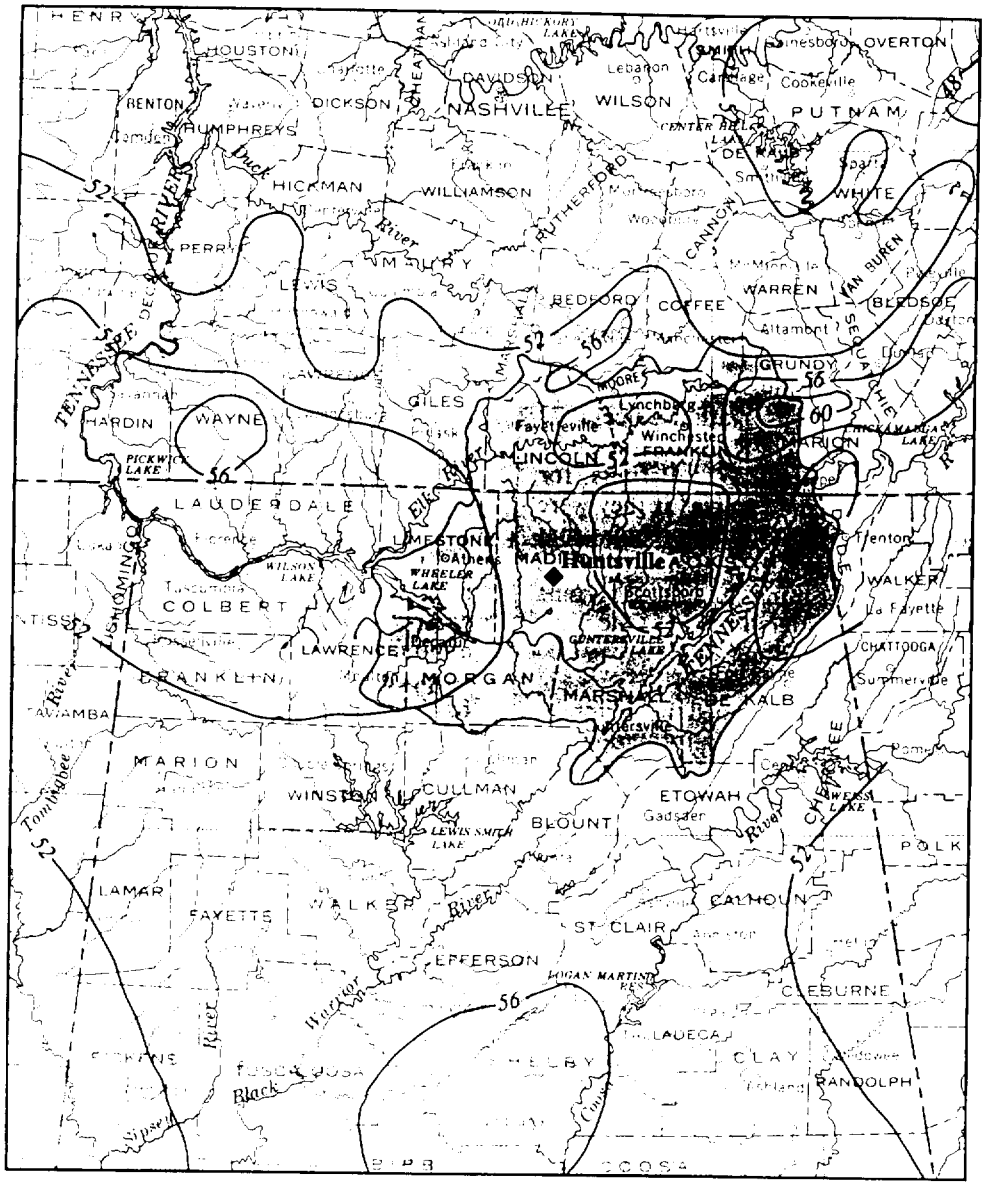

Figure 2.6-1 Mean annual precipitation, in inches.

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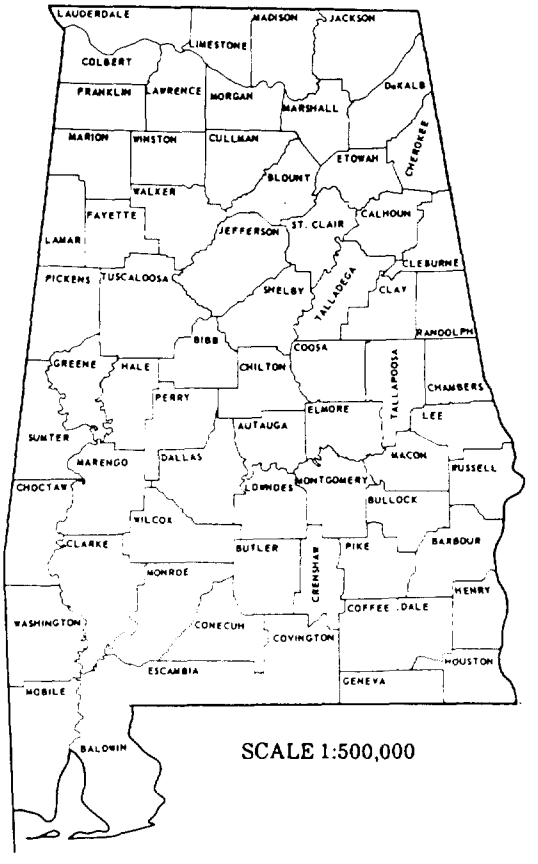
SPECIAL MAP 221

GEOLOGIC MAP OF ALABAMA



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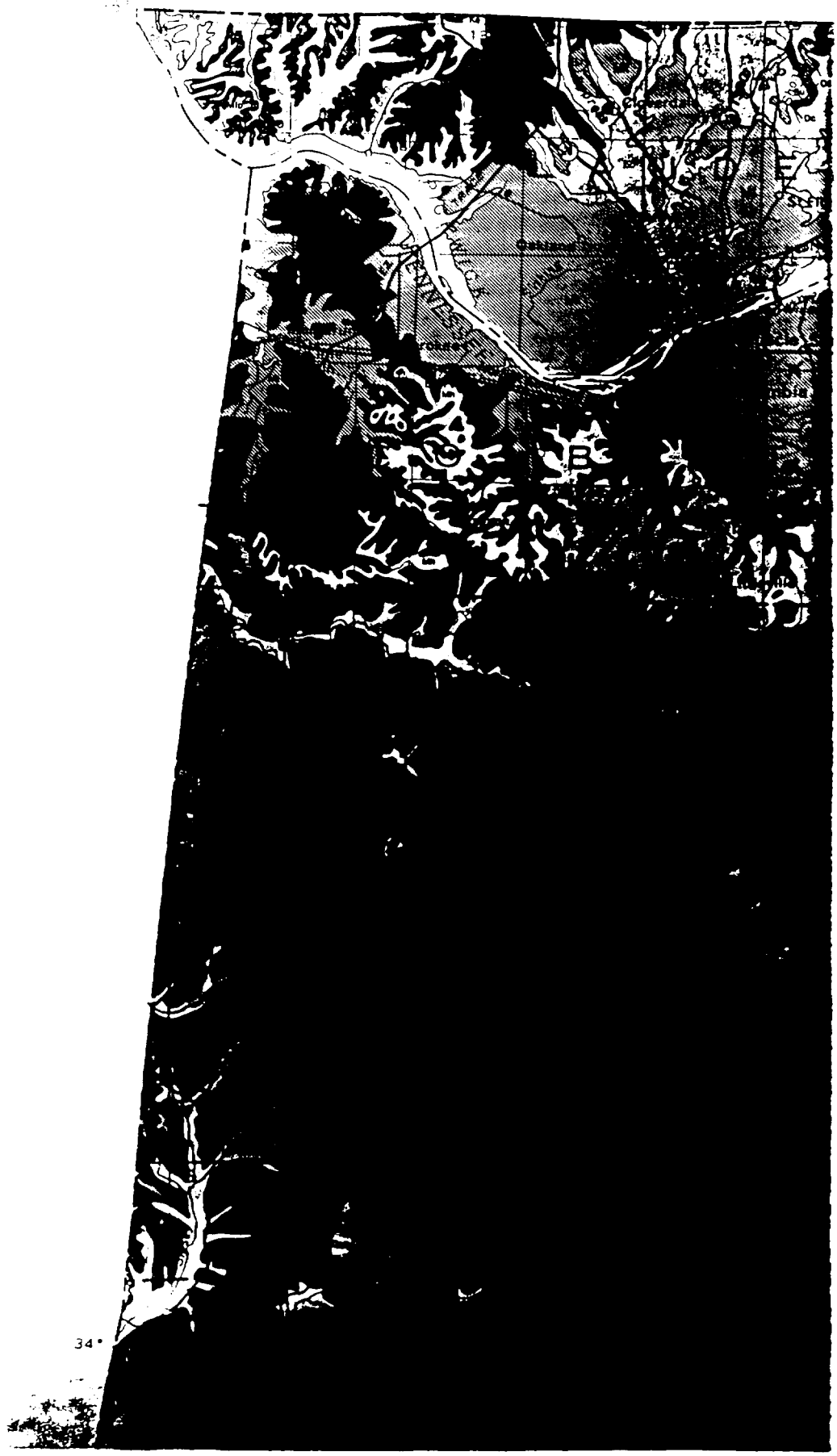
GEOLOGICAL SURVEY OF ALABAMA
1848

ERNEST A. MANCINI
State Geologist
and
Oil and Gas Supervisor
1989


34°

ANATION

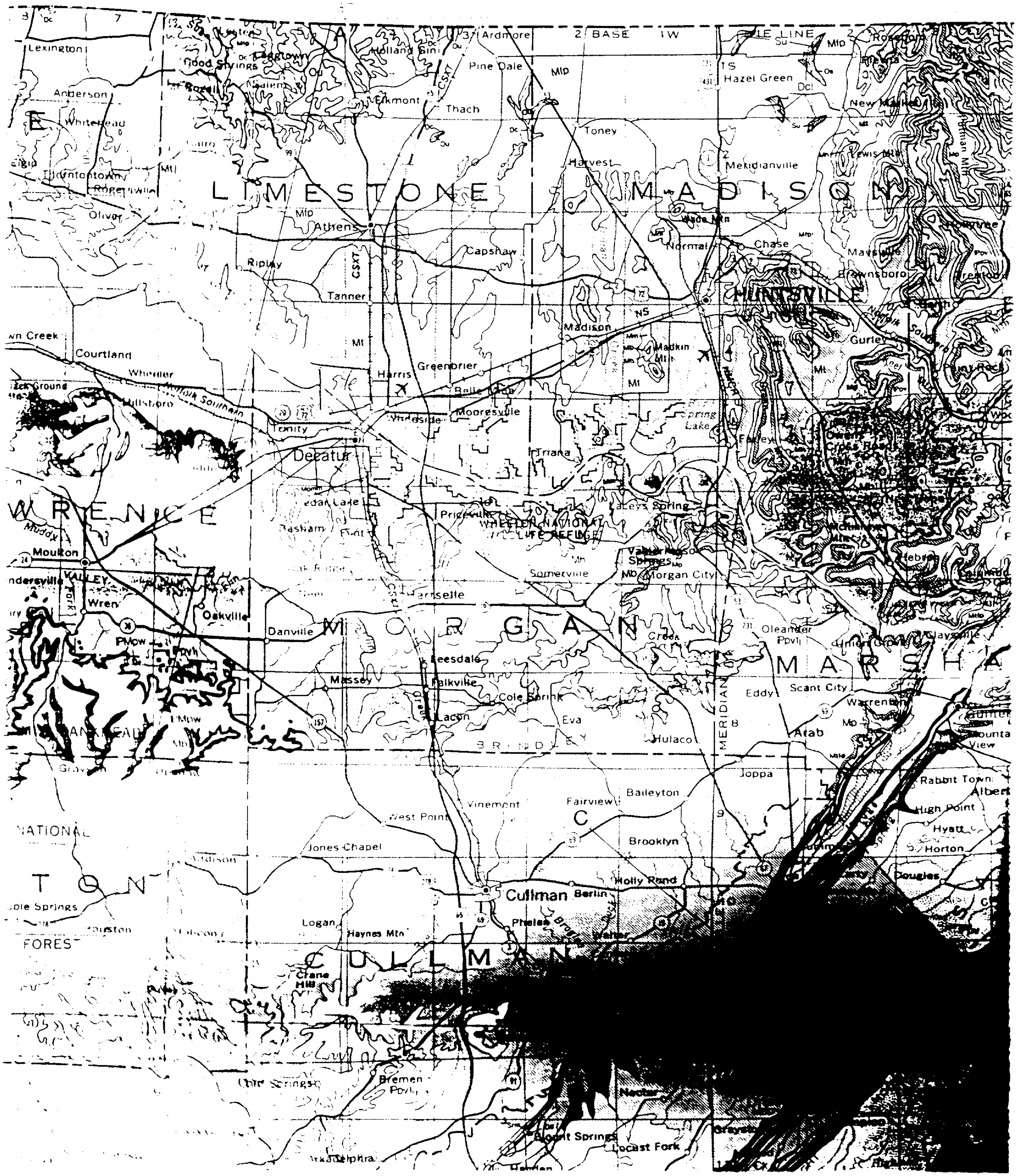
deposits

d containing clay lenses and gravel in places. Gravel composed of ed metamorphic and igneous rock fragments in streams near the Ridge province gravel composed of angular to subrounded chert. deposits include fine to medium quartz sand with shell fragments ll beaches and fine to medium quartz sand, silt, clay, peat, mud and goon, bays, lakes, streams, and estuaries.

sorted sand, ferruginous sand, silt, clay, and gravelly sand. Sand coarse poorly sorted quartz grains; gravel composed of quartz,

IN PROVINCE

SYSTEM	SERIES	GROUP	
Cretaceous	Upper	Selma	**Prairie Bluff Chalk** Very light-gray to light-bluish-gray firm sandy, fossiliferous brittle chalk and grayish-black silty sandy calcareous glauconitic, fossiliferous clay; semi-indurated beds of sandy, clayey limestone are present in some exposures. Absent locally in parts of Marengo, Dallas and Wilcox Counties where overlapped by the Clayton Formation or eroded. The Prairie Bluff thins eastward from southwestern Lowndes County to northern Pike County where it interfingers with the Providence Sand.
			Providence Sand Upper part consists of cross-bedded fine to coarse sand and white, dark-gray and pale-red-purple mottled clay containing lignite, sand, and kaolin; lower part consists of dark-gray laminated to thin-bedded silty clay and abundantly micaceous, carbonaceous, fossiliferous very fine to fine sand. The Providence Sand extends eastward from southeastern Lowndes County into Georgia.
			Ripley Formation Light-gray to pale-olive massive, micaceous, glauconitic, fossiliferous fine sand; sandy calcareous clay; and thin indurated beds of fossiliferous sandstone.
			Demopolis Chalk Light-gray to medium-light-gray compact, brittle chalk overlain by abundantly fossiliferous chalky marl, very clayey chalk, and calcareous clay (Bluffport Marl Member). In south-central Montgomery County the Demopolis is split into two eastward-extending tongues by a westward-extending tongue of the Cusseta Sand Member of the Ripley Formation. The lower tongue is pale-olive to yellowish-gray silty to finely sandy, micaceous, fossiliferous chalk that eastward becomes more sandy and merges with the Cusseta in central Bullock County. The upper tongue is yellowish-gray clayey, very finely sandy, micaceous chalk that merges with the Ripley in southeastern Montgomery County.
			Km **Mooreville Chalk** Yellowish-gray to olive-gray compact fossiliferous clayey chalk and chalky marl. The unconformable contact at the base is characterized by a bed of glauconitic, chalky sand containing phosphate pellets and molds of fossils. The Arcola Limestone Member at the top consists of two to four beds of light-gray brittle, dense, fossiliferous limestone separated by beds of light-gray to pale-olive calcareous clay.
			Krc **Cusseta Sand Member of the Ripley Formation** Cross-bedded, medium to coarse sand; glauconitic, fossiliferous fine sand; and dark-gray fossiliferous, micaceous, carbonaceous clay. The member occurs at the base of the Ripley Formation and extends from Georgia westward into Montgomery County where it merges with the Demopolis Chalk.
			Kb **Blufftown Formation** The Blufftown extends from the Chattahoochee River Valley westward into central Russell County where it is divided into two westward-extending tongues by an eastward-extending tongue of the Mooreville Chalk. In the Chattahoochee River Valley the Blufftown is mainly glauconitic calcareous fine sand, micaceous clay and marl, fossiliferous clay, gray calcareous fossiliferous sandstone, and carbonaceous clay and silt. To the west the lower tongue of the Blufftown is gravelly sand, glauconitic sand, calcareous clay, and sandy clay and merges with the lower part of the Mooreville Chalk in southwestern Macon County. The upper tongue is mainly calcareous sandy clay and micaceous silty fine sand with thin layers of limestone and sandstone. The upper tongue merges with the Mooreville Chalk and the lower part of the Demopolis Chalk in western Bullock County.
			Eutaw Formation Light-greenish-gray to yellowish-gray cross-bedded, well-sorted, micaceous, fine to medium quartz sand that is fossiliferous and glauconitic in part and contains beds of greenish-gray micaceous, silty clay and medium-dark-gray carbonaceous clay. Light-gray glauconitic fossiliferous sand, thin beds of sandstone, and massive accumulations of fossil oyster shells occur locally in the upper part of the formation in western Alabama (Tombigbee Sand Member). In eastern Alabama thin- to thick-bedded accumulations of the fossil oyster *Ostrea cretacea* Morton occur throughout much of the formation.
		Tuscaloosa	**Gordo Formation** Massive beds of cross-bedded sand, gravelly sand, and lenticular beds of locally carbonaceous partly mottled moderate-red and pale-red-purple clay; lower part is predominantly a gravelly sand consisting chiefly of chert and quartz pebbles. Not mapped east of the Tallapoosa River.
			Coker Formation Light-colored micaceous very fine to medium sand, cross-bedded sand, varicolored micaceous clay, and a few thin gravel beds containing quartz and chert pebbles. Beds of thinly laminated finely glauconitic very fine to fine sand, silt and dark-gray carbonaceous clay (Eutaw Member) occur locally in the lower part in [illegible]
			Tuscaloosa Group undifferentiated Light-gray to moderate-reddish-orange clayey, gravelly fine to very coarse sand, massive mottled sandy clay, local wood and leaf beds, and thin beds of indurated sandstone. Gravels consist mainly of quartz and quartzite and range in size from very fine pebbles to large cobbles. Mapped east of the Tallapoosa River [illegible]


LIMESTONE
MADISON
MORGAN
CULLMAN
MARSHALL
Lexington
Anderson
Whitehead
Good Springs
Elkmont
Holland Gin
Ardmore
Pine Dale
Thach
BASE LINE
Hazel Green
Toney
Harvest
Meridianville
New Market
Athens
Capshaw
Normal
Chase
Ripley
Tanner
Madison
HUNTSVILLE
Brownsboro
Gurley
Courtland
Wheeler
Hillsboro
Harris
Greenbrier
Belle Mina
Mooresville
Trinity
Decatur
Triana
Spring Lake
Madkin Mtn
Lacey's Spring
Priceville
WHEELER NATIONAL WILDLIFE REFUGE
Basham
Moulton
Wren
Oakville
Danville
Somerville
Morgan City
Hartselle
Valhermoso Springs
Oleander
Union Grove
Guntersville
Eeesdale
Falkville
Massey
Cole Spring
Lacon
Eva
Hulaco
Eddy
Scant City
Arab
Warrenton
MERIDIAN
Joppa
Baileyton
Fairview
Vinemont
West Point
Jones Chapel
Brooklyn
Rabbit Town
High Point
Hyatt
Horton
Douglas
Holly Pond
Cullman
Berlin
Logan
Haynes Mtn
Crane Hill
Bremen
Blount Springs
Locust Fork
Arkadelphia
NATIONAL
FOREST

Banjor Limestone
Medium-gray bioclastic and oolitic limestone containing interbeds of dusky-red and olive-green mudstone upper part

Hartselle Sandstone
Light-brown to black bedded to massive quartz sandstone containing interbeds of dark-gray shale

Pride Mountain Formation
Medium- to dark-gray shale containing one to three units of a variable combination of sandstone and limestone in the lower part; locally contains interbeds of dusky-red and greenish-gray mudstone

Pride Mountain Formation and Monteagle Limestone undifferentiated
Light-gray oolitic limestone, argillaceous and, in part bioclastic, with interbeds of medium- to dark-gray shale

Monteagle Lime
Light-gray oolitic stone containing bedded argilla bioclastic or d limestone, dolom medium-gray sh

Mt

Tuscumbia Limestone
Light-gray limestone, partly oolitic near top; low to very coarse-grained bioclastic limestone. Light-gray chert nodules and concretions are scattered throughout and are abundant locally. The thickness of the formation in this province is variable in response to the combination of the erosion of the

Mf

Fort Payne Chert
Very light- to light-olive-gray, thin- to thick-bedded, low- to medium-grained bioclastic limestone containing abundant nodules, lenses, and beds of light- to dark-gray chert. Interbedded locally with limestone, containing abundant nodules, lenses, and beds of light- to dark-gray chert. Interbeds of light-brown-gray laminated siltstone containing vugs lined or filled with calcite of medium-gray shale, shaly limestone, and siltstone. Interbeds of medium- to greenish-gray shale, shaly limestone, and siltstone are scattered throughout the formation. Commonly present below the Fort Payne is a light-olive-gray dolostone or shale. Marry siltstone. Commonly present below the Fort Payne, the apparent thickness of the Fort Payne in this province varies which is shaped with the Fort Payne. The apparent thickness of the Fort Payne in this province varies differential dissolution of carbonate in the formation.

Chattanooga Shale
Brownish-black to black organic shale containing light- to dark-gray [illegible] and rare limestone [illegible] thick

Devonian

Silurian System undivided (Includes Wayne Group and Brassfield Limestone)
Wayne Group: medium-gray, greenish-gray, and moderate-red argillaceous limestone, modera[illegible] green-gray shale, and grayish-green fossiliferous limestone with scattered pink calcite crystals. Brassfield Limestone: greenish-gray to light-brownish-gray argillaceous dolomite, cherty, sandy, [illegible]

Sq

Sequatchie Formation
Grayish-red, grayish-green, and yellowish-gray thin-bedded calcareous shale and calcareous containing interbedded fossiliferous limestone and medium-gray to moderate-red partly sandy or medium- to coarse-grained bioclastic limestone

Ou

Ordovician System undivided in part (Includes Sequatchie Formation, Elkmont Leipers Limestone, Inman Formation, Nashville Group, and Stones River Group)
Sequatchie Formation: grayish-red and yellowish-gray calcareous shale containing interbedded limestone. Elkmont Formation: medium- to dark-gray phosphatic limestone with interbed medium-gray and black shale. Leipers Limestone: medium- to dark-gray thin- to mi fossiliferous limestone containing interbeds of argillaceous limestone. Inman Formation: greenish-gray or moderate- to dusky-red shale and light-gray peloidal limestone overlain by undifferentiated medium- to dark-gray argillaceous and fossiliferous limestone overlain by laminated silty limestone. Stones River Group: medium- to dark-gray thick- to thin-bed argillaceous in part, locally very fossiliferous

Ordovician

GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY, ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

GEOLOGICAL SURVEY OF ALABAMA BULLETIN 76

REFERENCE NO. 23

GEOLOGICAL SURVEY OF ALABAMA

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State Geologist

DIVISION OF WATER RESOURCES

Doyle B. Knowles
Chief Hydraulic Engineer

BULLETIN 76

GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY, ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

with a section on the

CHEMICAL QUALITY OF THE WATER

By James C. Warman

Prepared by the United States Geological Survey
in cooperation with the
Morgan County Board of Revenue and Control,
the City of Decatur, and the
Geological Survey of Alabama

The nomenclature in this report is that of the Geological Survey of Alabama and does not necessarily follow that in use by the U.S. Geological Survey

UNIVERSITY, ALABAMA

1965

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GEOLOGY AND GROUND-WATER RESOURCES OF MORGAN COUNTY, ALABAMA

By Chester L. Dodson and Wiley F. Harris, Jr.

ABSTRACT

Morgan County includes an area of 587 square miles in north Alabama. Ground water occurs chiefly in solution cavities and openings along fractures and joint systems in limestone of Mississippian age. The principal aquifer is composed of the Tuscumbia Limestone and the Fort Payne Chert. Aquifers of less importance are in the Ste. Genevieve Limestone, Gasper Formation, Hartselle Sandstone, Bangor Limestone, and Pennington Formation.

Wells that will yield 100 gpm (gallons per minute) or more from the Fort Payne Chert or Tuscumbia Limestone are common in the Tennessee Valley physiographic district. Similar yields could be obtained from wells drilled in the Moulton Valley physiographic district. The largest yield from a well in Morgan County is estimated to be about 1,100 gpm. This well obtains water from the Fort Payne Chert. Few wells fully penetrate the Tuscumbia-Fort Payne aquifer so that at present only a small part of the aquifer is developed. Wells tapping the Hartselle Sandstone or the Pottsville Formation generally yield less than 10 gpm.

The chemical quality of ground water is generally suitable for most uses. However, water from the Fort Payne Chert to the contact between the Ste. Genevieve Limestone and the Gasper Formation is generally very hard. Locally the water is high in hydrogen sulfide or contains excessive iron.

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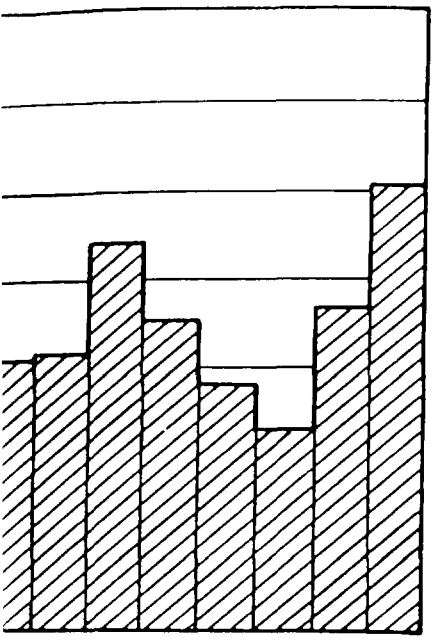

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d-water resources of Morgan County
2). Water levels in 40 wells were re-
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-level fluctuations in these wells were
nges in water level in Wheeler Reser-
barometric changes.

tion of the chemical character of the
e than 2,000 samples were collected
of the investigation and were analyzed
t in the field laboratory (Dodson and
complete analysis was made on 47
Quality of Water Branch of the Geolog-
constituents determined included iron

in solution, calcium, magnesium, sodium, bicarbonate, carbonate, sulfate, chloride, fluoride, nitrate, hardness, pH, and specific conductance; 13 samples were analyzed for fluoride, and 4 samples for total iron.

Twelve test wells were drilled in areas where additional geologic and hydrologic data were needed. Locations of these wells are shown in figure 3. Pumping tests were made on 10 of the wells to determine the hydraulic characteristics of the water-bearing formations and the quantity of water available. The results of bailing tests made on two wells indicated yields of less than 30 gpm during periods of low water levels.

The geology of the county was mapped to aid in the determination of its relation to the occurrence and movement of ground water. It was drawn on 7½-minute topographic quadrangle maps and transferred to the base map at the publication scale of about 1 inch equals 1 mile (pl. 1). Because much of the county is covered by unconsolidated deposits, the bedrock contacts drawn on the map are generalized for many areas.

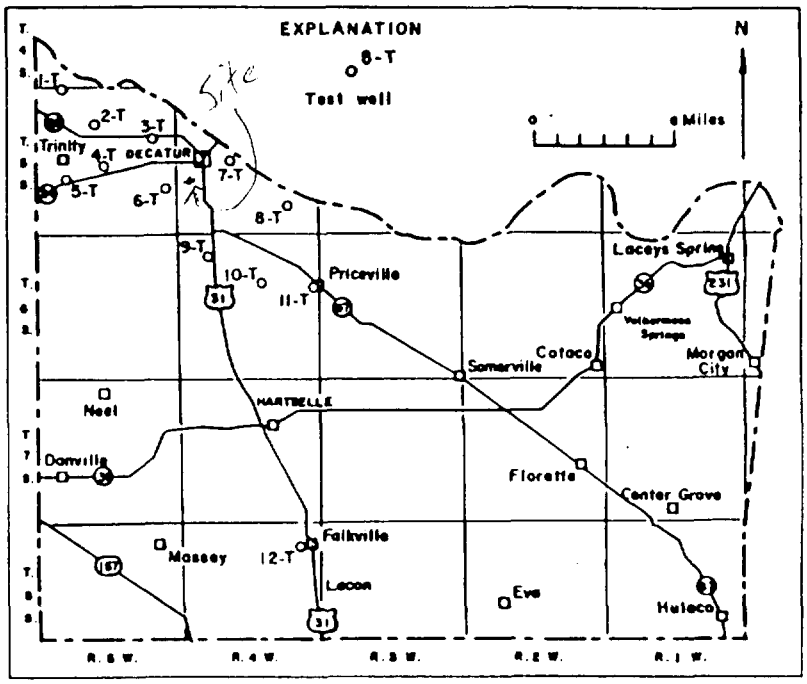

Figure 3.—Location of test wells in Morgan County.

formations is shown on plate 1. The Fort Payne Chert, the oldest Mississippian formation, does not crop out in the county. The unconsolidated deposits, which cover the bedrock over more than three-fourths of the area of the county, are treated in this report as a single rock formation, designated post-Pennsylvanian undifferentiated. Locally, where these unconsolidated deposits are composed of residual sand or chert rubble, they may yield adequate supplies of water for domestic use. Only formations above the Chattanooga Shale, of Devonian age, can be expected to yield water suitable for ordinary uses. Although the Chattanooga yields little or no water to wells penetrating it, it forms an impermeable barrier to the downward movement of the water and is therefore important to the occurrence of ground water in the county.

The nomenclature and definitions of geologic formations used in this report are those used by Butts (1926). Welch (1958) placed the rock units occurring between the Tuscumbia Limestone and the Hartselle Sandstone into a new formation, the Pride Mountain Formation, but he was unable to recognize any of the several members of the Pride Mountain in Morgan County. Retaining the names of Gasper Formation and Ste. Genevieve Limestone, as used by Butts (1926), for rocks between the Hartselle and Tuscumbia is more appropriate for purposes of this study than using the name Pride Mountain Formation and is the acceptable nomenclature used by the Geological Survey of Alabama.

Terminology used to describe bedding in this report is that proposed by McKee and Weir (1953). The "Glossary of Geology and Related Sciences" of the American Geological Institute was used as the reference for definition of other geologic terms. The "Rock Color Chart" of the National Research Council was used as a reference in describing colors of rocks.

The aquifers are chiefly limestone. The bedrock above the Chattanooga Shale is about 60 percent limestone, 15 percent sandstone, 10 percent chert, 10 percent shale, and 5 percent dolomite. Two formations, the Pottsville Formation and the Hartselle Sandstone, are mostly sandstone, the Gasper Formation is about one-third shale, but all other formations are mostly limestone. Solution cavities in the limestone contain most of the ground water that can be developed in the county. The permeability of the sandstone is generally low, solution cavities do not readily form in the dolomite, and the chert and shale are impermeable; compared to the limestones, little water can be obtained from these rocks.

Plate 2 shows the geologic structure of Morgan County. The regional dip is south about 30 feet per mile, but the normal dip is disrupted locally by broad folds. The structural features of the county are discussed in the sections on the geologic formations and on the structural control of ground water.

CHATTAN(

DESCRIPTION.—The Chattano
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greenish-gray poorly sorted fine-
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GROUND WATER.—The Chattan
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FORT PA

DESCRIPTION.—The Fort Payn
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report. The average thickness o
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percent chert, and 5 percent shale
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CHATTANOOGA SHALE

DESCRIPTION.—The Chattanooga Shale of Devonian age is not an aquifer in Morgan County. However, the formation, being impermeable, confines the circulation of ground water to the formations above. So far as is known, water below the Chattanooga is highly mineralized and unsuitable for domestic, stock, and most other uses; therefore, the formation lies at the greatest depth to which it is practical to drill water wells in the county. The formation is the marker bed that was used to prepare the structure map (pl. 2).

The Chattanooga Shale is classified as a black shale formation, but dark-brownish-gray fissile shale and two thin beds of yellowish- or greenish-gray poorly sorted fine-grained calcite-cemented sandstone generally compose the formation in Morgan County, and pyrite is characteristically abundant. The beds of sandstone, each about half a foot thick, generally are at the top and bottom of the formation; however, in test wells 5-T and 6-T more than half the Chattanooga is composed of sandstone (table 5). The thickness of the Chattanooga penetrated in test wells ranges from 4 to 14 feet. The contact between the Chattanooga and the Fort Payne Chert is an unconformity.

GROUND WATER.—The Chattanooga is not an aquifer; however, water in contact with the Chattanooga generally is mineralized. Hydrogen sulfide escapes into the water in wells tapping the formation and causes the water to become sulfurous. If the amount of mineralized or sulfurous water is undesirable, the Chattanooga is sealed off before completion of the well.

FORT PAYNE CHERT

DESCRIPTION.—The Fort Payne Chert, the oldest formation of Mississippian age that underlies Morgan County, does not crop out in the county and is everywhere at a depth greater than 40 feet below the land surface. All rocks between the Chattanooga Shale and the Tuscumbia Limestone are included in the Fort Payne Chert for the purpose of this report. The average thickness of the Fort Payne in test wells drilled in Morgan County is about 210 feet. The formation is not chert, as its name implies, but limestone, dolomite, chert, and shale. Its average composition as determined from drill cuttings in 10 test wells is about 50 percent limestone and dolomitic limestone, 25 percent dolomite, 20 percent chert, and 5 percent shale. Most of the limestone and dolomite is very fine grained. Very fine grains of silica occur in much of these rocks and are abundant in places. The limestone, dolomite, and silica were probably deposited by chemical precipitation.

The lithology of the Fort Payne is so varied that no simple description is appropriate. The complexity of the lithology and stratigraphy can be seen in the logs of the test wells (table 5). The Fort Payne comprises three main units. The lower unit is generally composed of greenish-gray very fine grained, partly silicified, partly calcareous dolomite and bluish-gray and greenish-gray chert. Downward from the top of the unit, the grain size of the dolomite generally decreases and the dolomite becomes increasingly argillaceous. Locally, the lower unit contains gray, greenish-gray, and olive-gray very fine grained dolomitic limestone. Nearly half the lower unit in test well 7-T is composed of limestone, but limestone is a minor constituent in the other test wells. A light-greenish-gray shale about half a foot thick that occurs at the base of the Fort Payne has been included in the lower unit.

Drill cuttings indicate that the lower unit is laminated to very thin bedded and contains a few shale laminae and thin beds of greenish-gray and gray shale. The shale content of the unit, as seen in cuttings from test wells, generally increases northwestward. The shale is a minor constituent in test well 9-T, less than 2 percent, but the bottom half of the unit in well 4-T is about 5 percent dark-gray shale, and the unit in well 1-T is about 10 percent dark-greenish-gray shale.

Crinoid stem plates up to half an inch in diameter are locally abundant in the lower unit, and stem plates, other crinoidal debris, and bluish-gray chert may compose an extraordinary limestone unit. In well 7-T, this limestone unit is 5 feet thick and lies about a foot above the base of the Fort Payne, but a similar bed in well 10-T is 17 feet thick, contains little chert, and is 55 feet above the base of the formation. In well 10-T, the abundance of crinoid stem plates gradually decreases both upward and downward from the crinoidal limestone unit. The crinoid stem plates are calcite, but, of those plates that are surrounded by a matrix of chert or dolomite, about 1 mm of the outer rim is replaced by the matrix material.

The middle unit of the Fort Payne is chiefly light-olive-gray very fine grained, partly silicified dolomitic limestone, light-olive-gray to light-greenish-gray very fine grained, partly silicified dolomite, and light-bluish-gray and very light olive-gray to very light greenish-gray chert. The olive-gray and greenish-gray chert is the product of complete silicification of limestone or dolomite. The very fine grained structure of the limestone and dolomite was not altered in silicification. A study of cuttings from test wells in the county indicates that the average composition of the middle unit is about one-third chert.

The upper unit is composed mainly of very light olive-gray fine- to coarse-grained clastic limestone, light-olive-gray fine-grained, partly dolomitic and partly siliceous limestone, light-olive-gray very fine grained calcareous dolomite, and bluish-gray chert. The lithology of the clastic limestone is the same as that of the overlying Tuscumbia Limestone. The upper unit comprises tongues of Tuscumbia and tongues of Fort Payne, and the very fine grained chemically precipitated limestone or dolomite differentiates this unit from the Tuscumbia. The Tuscumbia is a facies of clastic deposition, and the Fort Payne is a facies of chemical deposition. Lithologies of the two facies do not appear to be gradational. The contact between the Tuscumbia Limestone and the Fort Payne Chert has been drawn at the top of the uppermost tongue of olive-gray very fine grained dolomitic limestone, or dolomite, and bluish-gray chert. The upper unit is identified in all test wells except 9-T, where the chert, ordinarily the most conspicuous constituent, is absent; however, the curve that is typical at the Fort Payne-Tuscumbia contact appeared on the electric log of 9-T. The curve was approximately the same at the contact as the curve shown on plate 4. If the contact were drawn at the bottom of the lowermost light-olive-gray fine to very coarse grained oolitic clastic limestone, which is the lowermost tongue of the Tuscumbia, the contact in some wells would be as much as 100 feet lower than where it is drawn. The contact was chosen at the top of the highest Fort Payne tongue, chiefly because this choice includes in the upper unit all the Fort Payne lithology of uniform thickness.

The three units of the Fort Payne are gradational. The colors gradually become lighter upward and grade from green to olive (yellowish). From about the center of the lower unit, the content of bluish-gray chert generally increases downward to the bottom of the Fort Payne and upward into the middle unit. The amount of clastic limestone generally increases upward from the base of the upper unit, as the amount of chemically deposited limestone and dolomite decreases. From near the bottom of the formation upward the dolomite content decreases, as does the content of very fine grains of silica. The thickness of the bedding probably increases upward also; at least part of the bedding in the lower unit is laminated, and some of the clastic limestone in the top unit is probably thick bedded.

An odd characteristic of part of the chert in the Fort Payne can be used to distinguish the formation from the Tuscumbia Limestone. Cuttings of the chert fresh from the well are blue. The colors range from very light blue to light blue, but they rapidly change to grayish blue, then to bluish gray or white. The change from blue to grayish blue occurs within 5 minutes after the sample is bailed from the well, and the change to bluish gray generally occurs by the time the washed sample is dry. The change is probably caused by oxidation, and the rapidity of the change limits the usefulness of the characteristic.

The greenish fine-grained rock in the lower unit, when fresh from the well, is grayish green, but the color becomes lighter and more gray with time, a color change similar to that in the bluish-gray chert. The shale cuttings probably become brown with time. McGlamery (1955,

rown than was observed in the sam-
he green is probably due to reduced
xposure to the air.

vells penetrate the Fort Payne Chert
able for use in preparing this report
illed as part of the study (table 2).
ies are the main sources of water in
earing open spaces are so small that
the openings being detected only by
mud in the bottom of the well. Indi-
2 inches thick are not common; these
os, in what could be termed "cavity
res and cavities are ordinarily ½ to 1
13 feet thick was penetrated in well
re penetrated in well 8-T, a total of
st all the rock cut in this well was
vity, 4 feet thick, was penetrated in
t thick, was cut in well 7-T; none of
rge cavity. Many of the cavities are
ilt, sand, gravel, or breccia. The
all, well-rounded pebbles of dolomite
calcite that are about 1 mm in diam-

ge number and size of cavities in the
t it is in the possible collapse struc-
nconsolidated deposits. Another ex-
es a fault zone, although no extensive
zed in the county. Chert breccia re-
from the well between depths of 235
cur and where no solution of the rock

n the Fort Payne are probably thrust
ll 7-T probably formed along a fault.
m several of the test wells, from zones
ne breccia were from joints, the zones
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e overlying Tuscumbia Limestone are
o confining bed separates the two for-
oves downward to the Fort Payne from
ring properties of the two formations
the three units in the Fort Payne, but
s one aquifer.

Table 2.—*Records of test wells in Morgan County, Ala.*

Water-bearing formations: Mfp, Fort Payne Chert; Mt, Tuscumbia Limestone; Sb, Bangor Limestone

Well	Property owner	Altitude of land surface (feet)	Depth of well (feet)	Depth of first inch-ing (feet)	Water-bearing formation	Depth to top of Chert-nodule Shale (feet)	Water-bearing zone: Depth (feet)	Water-bearing zone: Thickness (feet)	Water-bearing zone: Type perforation (if any)	Pumping tests: Date	Pumping tests: Rate of use of pump (gallons per hour)	Pumping tests: Duration of pumping (hours)	Pumping tests: Drawdown observed (feet)	Pumping tests: Specific capacity (gpm per foot of drawdown)	Remarks
1-T	John B. Sewell	568	274.8	84	Mfp	253	130 133	3 2	[illegible]	[illegible]-40	115 233 350	4 4 14	8.3 15 33.4	17 12 10	See fig. 14
2-T	Louise and Paul Clark	592	356.1	48	Mfp	343	331 [illegible]-312	2 4	62	11-15-40	275	24	80	3	
3-T	City of Decatur and Pinehaul Trailer Co.	584	331.0	40	Mfp	246	86 139	3 [illegible]	62	3-4-[illegible]	102	24	52	2	
4-T	Lindoward Boulden	609	346.5	40	Mt	329	50 60	5 4	63	4-27-61	205	24	30	7	
5-T	George H. Burt	645	439.5	33	Mt-Mfp	421	102 193 221< 304	1 1 13 [illegible]	62	12-23-57	90	24	75	1	See fig. 8
6-T	Roach Royer	630	365.4	28	Mt	299	45 114 148								
7-T	City of Decatur	570	244.8	23	Mfp	230	241		64	5-23-55	55		124		
8-T	U. S. Dept. Interior Fish and Wildlife Service	626	301.2	148	Mfp	253	151 159 193 193 223	4 5 2 5	62	[illegible]-40	108 250 350	4 4 14	4.5 18.3 25	24 18 14	See figs. 9 and 13
9-T	Jay J. McMurray	545	347.1	21	Mt-Mfp	370	72 253 [illegible] 325		64	11-24-56	100	24	22	4	
10-T	Epach Poole	566	361.0	42	Mt	344	48.5		62						
11-T	Morgan County Dept. of Education	633	353.8	53	Mt-Mfp		92 221 224 243	3 4	62	5-3-[illegible]	200 10 350	24	80 to 75	3	
12-T	Morgan County Courthouse, Falkville Road Shop	592	132.1	14	Mt		25 35	5 5	62	4-[illegible]-61	33	5	27		

In the test wells, generally, the greatest yield was from the upper unit of the Fort Payne Chert; the yield from the middle unit was intermediate, but only small quantities of water were obtained from the lower unit.

Tongues of the fine-grained dolomitic limestone and calcareous dolomite and chert may effectively control the occurrence of ground water in the upper unit of the Fort Payne. Because these tongues are less soluble than the coarser grained clastic limestone, they could act as confining beds not only in creating artesian conditions but also in creating barriers to the lateral movement of ground water into some areas. All other factors being equal, the abundance of ground water in the Fort Payne would decrease with an increase in fine-grained rock in the upper unit.

Several reasons may account for the lack of ground water in the lower unit. The main reason is that the dolomite or dolomitic limestone is nearly insoluble, so that if solution openings formed at all they would tend to be small. In the laminated or thin-bedded rock, strain would be relieved along bedding planes, and no large open fractures would form. All or most of the carbon dioxide from the atmosphere and soil would be neutralized before the water reached the depths of the lower unit, and circulation ordinarily is not great at these depths; therefore, solution of even the more soluble parts of the unit is likely to be minimized. The basal part of the lower unit of the Fort Payne is generally an effective barrier to the movement of ground water, probably as effective as the Chattanooga Shale.

Only 17 wells are known to have been drilled into the Fort Payne Chert in Morgan County, excluding oil-test holes and Geological Survey test wells. Most of these wells are no deeper than the uppermost water-bearing zone in the Fort Payne.

Estimated yields from test wells tapping the Fort Payne range from less than 10 to 1,100 gpm; most of the wells would yield more than 150 gpm. The estimate of 1,100 gpm from well 8-T is probably low because the well is cased to a depth of 148 feet, and cavities totaling 12 feet in thickness were cased off to prevent caving. The cavity between the depths of 120 and 125 feet is free of sediment and contains clear water. Sand and rubble in the cavity at 139 to 144 feet interfered with drilling to such an extent that this interval was cased off, but the cavity could be cleaned out in a well with a diameter larger than 6 inches. Test well 8-T is perhaps anomalous, for little brecciation has been recognized in other test wells; however, the collapse structure extends about a mile southwest of the test well and covers between 0.2 and 0.7 square mile. The area affords a possible site for development of large quantities of ground water.

The rate of discharge given in table 2 for a drawdown in water level of 134 feet below well probably would yield more water after clear the dolomite pebbles and calcite cement fr

The Fort Payne Chert can be expected to yield from other wells drilled in the Tennessee Valley comparable to the quantities developed from test 11-T. In other areas of the county, yields would be

Because the lower unit of the Fort Payne yield ordinarily could be stopped at the top of this unit rather tanooga Shale. Identification of the top of the unit is identification of the Chattanooga, however, and if too high, water in the middle unit of the Fort Payne The lower unit of the Fort Payne can be easily identified tric logs. The electric log is characterized by a decrea tivity curve and a positive deflection in the self-potential

TUSCUMBIA LIMESTONE

DESCRIPTION.—The Tuscumbia Limestone is the old that crops out in Morgan County. It comprises two formal Louis Limestone and the Warsaw Limestone, but because and Warsaw are lithologically similar and are defined ontological evidence in this area, they have been combine unit (Butts, 1926, p. 167-177). The area of outcrop of covers about 75 square miles of the Tennessee Valley district (pl. 1). The lower 40 feet of the formation does Morgan County. The Tuscumbia is about 180 feet thick and mainly of very light gray to light-olive-gray fine- to co clastic thick-bedded to very thick bedded limestone, and ules of bluish-gray chert. Limestone in the Tuscumbia composed of grains of fossil debris and oolites. The relati Tuscumbia and Fort Payne is discussed in the preceding

The Trinity quarry, in the SW¼SW¼ sec. 8, T. 5 S, the only place known in Morgan County where the contac cumbia with the overlying Ste. Genevieve Limestone can examined. At this locality it appears to be conformable; ho probably an unconformity (Butts, 1926, p. 177; Welch, 195

The section of the Tuscumbia Limestone exposed in T is as follows:

· greatest yield was from the upper
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olomitic limestone and calcareous
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clastic limestone, they could act
g artesian conditions but also in
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the abundance of ground water in
n increase in fine-grained rock in

or the lack of ground water in the
the dolomite or dolomitic lime-
lution openings formed at all they
ated or thin-bedded rock, strain
es, and no large open fractures
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rity is not great at these depths;
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al was cased off, but the cavity
hameter larger than 6 inches.
or little brecciation has been
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d covers between 0.2 and 0.7
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The rate of discharge given in table 2 for well 7-T is 55 gpm with a drawdown in water level of 134 feet below the land surface, but the well probably would yield more water after complete development to clear the dolomite pebbles and calcite cement from the cavity.

The Fort Payne Chert can be expected to yield quantities of water from other wells drilled in the Tennessee Valley in Morgan County comparable to the quantities developed from test wells 1-T through 11-T. In other areas of the county, yields would be much less.

Because the lower unit of the Fort Payne yields little water, wells ordinarily could be stopped at the top of this unit rather than at the Chattanooga Shale. Identification of the top of the unit is more difficult than identification of the Chattanooga, however, and if a well were stopped too high, water in the middle unit of the Fort Payne might be missed. The lower unit of the Fort Payne can be easily identified by use of electric logs. The electric log is characterized by a decrease in the resistivity curve and a positive deflection in the self-potential curve (pl. 4).

TUSCUMBIA LIMESTONE

DESCRIPTION.— The Tuscumbia Limestone is the oldest formation that crops out in Morgan County. It comprises two formations, the St. Louis Limestone and the Warsaw Limestone, but because the St. Louis and Warsaw are lithologically similar and are defined chiefly on paleontological evidence in this area, they have been combined into the one unit (Butts, 1926, p. 167-177). The area of outcrop of the Tuscumbia covers about 75 square miles of the Tennessee Valley physiographic district (pl. 1). The lower 40 feet of the formation does not crop out in Morgan County. The Tuscumbia is about 180 feet thick and is composed mainly of very light gray to light-olive-gray fine- to coarse-grained clastic thick-bedded to very thick bedded limestone, and contains nodules of bluish-gray chert. Limestone in the Tuscumbia is generally composed of grains of fossil debris and oolites. The relationship of the Tuscumbia and Fort Payne is discussed in the preceding section.

The Trinity quarry, in the SW¼SW¼ sec. 8, T. 5 S., R. 5 W., is the only place known in Morgan County where the contact of the Tuscumbia with the overlying Ste. Genevieve Limestone can be carefully examined. At this locality it appears to be conformable; however, it is probably an unconformity (Butts, 1926, p. 177; Welch, 1958).

The section of the Tuscumbia Limestone exposed in Trinity quarry is as follows:

	Thickness (feet)
Ste. Genevieve Limestone:	
Limestone, light-olive-gray to yellowish-white, medium to very coarse grained, oolitic and fossiliferous, very thick bedded.	38
Tuscumbia Limestone:	
Limestone, medium to light-olive-gray, very fine grained and finely crystalline, laminated to very thin bedded, clayey, silty	12
Chert, pale-yellowish-brown and very pale orange, very fine grained or finely crystalline, intraformational breccia	2
Chert and limestone, pale to very pale orange, about 50 percent calcite fossil debris of sand size and 50 percent chemically deposited silica	9
Limestone, light-olive-gray, fine to very coarse grained, crystalline.	1

Chert rubble from the chert beds is conspicuous on the land surface in parts of the outcrop area of the Tuscumbia. The chert beds are the source of the specimens of *Lithostrotionella castelnaui* in the soil in Decatur. This fossil, *L. castelnaui*, or *Lithostrotion canadense* as called by Butts (1926, p. 173), is an index fossil of the St. Louis Limestone.

GROUND WATER.—The water-bearing properties of the Tuscumbia Limestone are similar to the ground-water properties of the Fort Payne Chert, and the two formations are considered as one aquifer. Extensive cavity systems have formed in the Tuscumbia, but individual cavities generally are no more than a foot thick, and a cavity as much as 5 feet thick is rare.

The Tuscumbia Limestone yields more water than any other formation in Morgan County. The water is obtained from about 1,000 wells and springs, and is used for domestic and stock supplies. In 1960 the total withdrawal was nearly 200,000 gpd (gallons per day), the average withdrawal per well being a little less than 200 gpd. Data are not available upon which to base an estimate of the maximum sustained yield of all wells in the Tuscumbia during times of drought, but if the yield were only 10 gpm per well, the wells tapping the Tuscumbia would yield 15

mgd (million gallons per day). The yield is undoubtedly much greater, because the average of the estimated yield during times of low water levels in test wells 4-T, 6-T, and 10-T, which obtain water from the Tuscumbia, is about 80 gpm, and yields of wells 5-T, 9-T, and 11-T from the Tuscumbia are probably greater. Wells that are capable of yielding 100 gpm or more are common. It is estimated that no more than 1 percent of the supply of ground water that can be obtained from the Tuscumbia Limestone in Morgan County was being used in 1960.

A well drilled in the outcrop area of the Tuscumbia ordinarily yields a supply of water at least adequate for domestic use; however, wells drilled in a few isolated hills where the formation is drained yield little or no water. The quantity of water that can be obtained from the formation generally decreases downdip, but supplies adequate for domestic use can be expected at least as far downdip as the surface contact of the Hartselle Sandstone and Gasper Formation (pl. 1). A few wells in the areas of outcrop of the Hartselle Sandstone and Gasper Formation in the Laceys Spring area probably would yield more than 100 gpm from near the top of the Tuscumbia or at the Ste. Genevieve Limestone-Tuscumbia contact. The sulfur and mineral content of the water tends to increase downdip beyond the Hartselle-Gasper contact, and water of satisfactory quality is not likely to be obtained from the Tuscumbia more than 2 miles downdip from its area of outcrop.

Several dug wells in the area of outcrop of the Tuscumbia yield larger quantities of water than are ordinarily expected from dug wells, but they probably penetrate cavities near the top of the bedrock. For example, the dug well at the Decatur Country Club in the NE¼SE¼ sec. 32, T. 5 S., R. 4 W. (Dodson and Harris, 1961, table 2, C-19) was test pumped on April 3, 1958, at 130 gpm for 6 hours with a drawdown in water level of 3.5 feet, and during the period of low water level in the fall of 1959 the well is estimated to have been pumped at 200 gpm about 12 hours per day for about a month.

Many wells and springs in the county yield water from the cavity systems under the chert at the top of the Tuscumbia. The cavity that is cased off in well 9-T between depths of 12 and 20 feet formed below the chert bed. Clark Spring in the NE¼SE¼SE¼ sec. 36, T. 5 S., R. 5 W., yields water from the zone below the chert bed. The owner, P. H. Clark, stated that the average flow of the spring was about 200 gpm and the maximum flow was more than 600 gpm before the cavity system supplying the spring was tapped by shallow wells. The spring now flows only during times of highest water levels. About 3,000 gpm is pumped from wells in the area to supply fishponds; however, the ponds leak, so that part of the water is being recirculated. Cave Spring (pl. 3) issues from the zone below the chert bed and the yield ranged from an estimated flow of 100 gpm on October 24, 1958, to a measured flow of 4,100 gpm on April 13, 1960. Wheeler Reservoir covers Blue Spring in the

Table 5.—*Sample logs of test wells in Morgan County, Ala.*—Continued

	Thickness (feet)	Depth (feet)
Test Well 5-T--Continued		
Fort Payne Chert--Continued		
Lower unit:		
Chert, greenish-gray, completely silicified dolomite; medium-greenish-gray to dark-greenish-gray very fine grained silicified dolomite; bluish-gray chert; some brownish-gray shale	25	377
Dolomite, greenish-gray to dark-greenish-gray, very fine grained, partly silicified; some greenish-gray chert, completely silicified dolomite; some bluish-gray chert at top of unit and medium-light-gray and brownish-gray shale; pale-yellowish-gray shale about a foot thick, probably the Maury Formation	44	421
Chattanooga Shale:		
Sandstone, greenish-gray, light-olive-gray, brownish-gray, very fine to coarse-grained, poorly sorted, quartzose, calcareous, in part dolomitic, pyritic, at top and bottom of formation; brownish-gray to brownish-black pyritic shale; greenish-gray to dark-greenish-gray, light-olive-gray to olive-gray sandy silty shale, mostly highly silicified and somewhat fractured, pyrite in the fractures; some medium-light-gray calcareous silty shale	14	435
Test Well 6-T		
NW¼NE¼ sec. 25, T. 5 S., R. 5 W.		
Soil, red and yellow; chert rubble	20	20

Table 5.—*Sample logs of test wells in Morgan County, Ala.*—Continued

	Thickness (feet)	Depth (feet)
Test Well 6-T--Continued		
Tuscumbia Limestone:		
Limestone, light-olive-gray, fine to very coarse grained, in part very fine grained and oolitic	66	86
Fort Payne Chert:		
Upper unit:		
Limestone, greenish-gray, very fine grained, in part silicified	9	95
Limestone, light-greenish-gray to greenish-gray, very fine grained and very finely crystalline, dolomitic, in part silicified; calcite fossil detritus; some bluish-gray chert	9	104
Dolomite, greenish-gray, very fine grained and very finely crystalline, in part calcareous and silicified; some very light bluish gray to light-bluish-gray chert	46	150
Limestone, light-greenish-gray, fine- to coarse-grained and very fine grained, dolomitic, in part silicified, mainly composed of clastic grains of fossil detritus cemented with very fine grained dolomite; bluish-white to light-bluish-gray chert; some medium-greenish-gray shale	40	190
Middle unit:		
Dolomite, greenish-gray, very fine grained, calcareous, 50 percent silicified	15	205
Dolomite, greenish-gray, very fine grained, partly silicified; calcite crinoid stems and stem plates, mostly at top of unit; some dark-greenish-gray shale	36	241

Table 5.–*Sample logs of test wells in Morgan County, Ala.*–Continued

	Thickness (feet)	Depth (feet)
Test Well 6-T--Continued		
Fort Payne Chert--Continued		
Lower unit:		
Dolomite, greenish-gray to medium-greenish-gray, very fine grained and very finely crystalline, 50 percent silicified; some light-bluish-gray to bluish-gray chert at top of unit and greenish-gray shale.	55	296
Chert, bluish-white to light-bluish-gray; light-greenish-gray shale, probably the Maury Formation	3	299
Chattanooga Shale:		
Sandstone, yellowish-gray to very light greenish gray, very fine to coarse-grained, poorly sorted, quartzose, calcareous, pyritic, at top and bottom of formation; greenish-gray and light-olive-gray siltstone; brownish-gray to dark-brownish-gray pyritic shale	6	305
Test Well 7-T		
NW¼NW¼ sec. 21, T. 5 S., R. 4 W.		
Soil, red.	10	10
Soil, yellow and white; chert rubble.	10	20
Tuscumbia Limestone:		
Limestone, white to medium-light-gray, fine- to medium-grained and finely crystalline, in part oolitic; some light-gray chert	37	57

Table 5.–*Sample logs of test wells in Morgan County, Ala.*–Continued

	Thickness (feet)	Depth (feet)
Test Well 7-T--Continued		
Tuscumbia Limestone--Continued		
Limestone, very light brownish gray to brownish-gray, very light olive gray to light-olive-gray, light-gray to medium-gray, fine- to medium-grained and very finely crystalline.	15	72
Limestone, white to medium-light-gray, very fine to medium-grained and very finely to medium crystalline, in part oolitic.	21	93
Fort Payne Chert:		
Upper unit:		
Limestone, greenish-white to greenish-gray, very fine grained to medium-grained and very finely crystalline to medium crystalline; in part bluish-white to medium-bluish-gray pyritic chert	17	110
Limestone, very light gray to medium-dark-gray, fine- to medium-grained and finely to medium crystalline	20	130
Middle unit:		
Limestone, very light gray to medium-light-gray, fine- to medium-grained and finely to medium crystalline; bluish-white to light-bluish-gray chert mostly at top of the unit.	32	162
Lower unit:		
Limestone, white to medium-light-gray and yellowish-gray to very light olive gray, finely to medium crystalline and fine- to medium-grained; bluish-white to dark-bluish-gray, brownish-gray, medium-gray chert.	29	191

Table 5.—*Sample logs of test wells in Morgan County, Ala.*—Continued

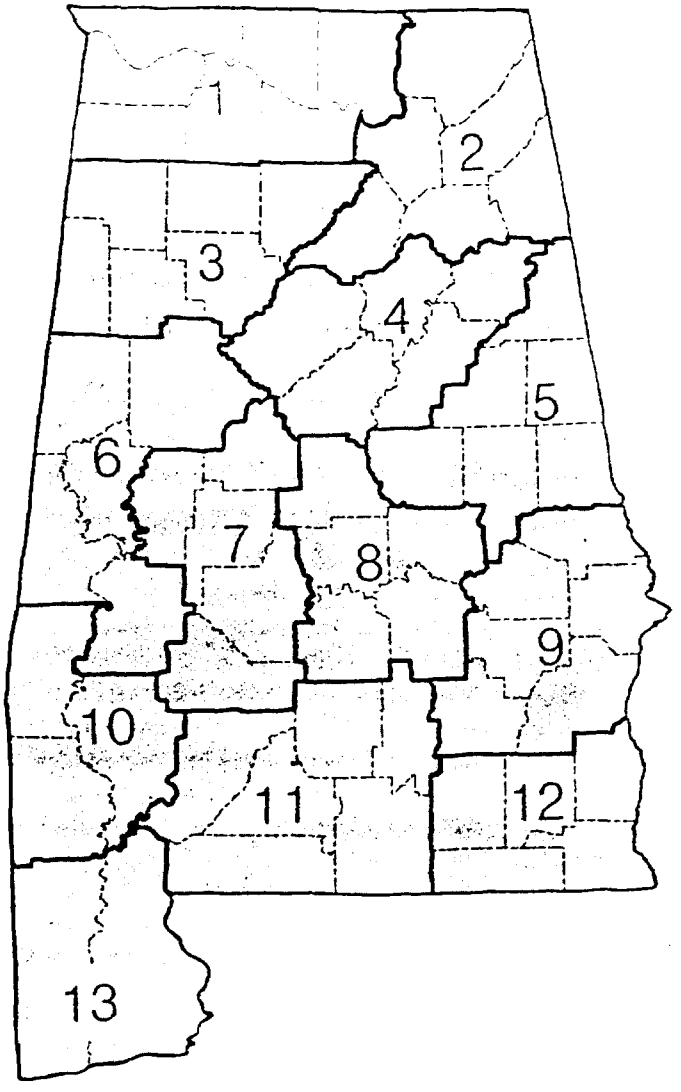
	Thickness (feet)	Depth (feet)
Test Well 7-T--Continued		
Fort Payne Chert--Continued		
Lower unit--Continued		
Dolomite, light-gray to medium-gray, very fine to fine-grained; light-gray to medium-gray fine-grained some medium crystalline limestone, containing crinoid stem plates; light-bluish-gray to medium-bluish-gray chert, in part completely silicified dolomite and limestone	49	240
Limestone, very light gray to medium-light-gray and light-greenish-gray to greenish-gray, fine-grained and finely to medium crystalline; light-gray to medium-gray and greenish-gray very fine to fine-grained dolomite; light-gray to medium-gray and dark-greenish-gray shale; light-bluish-gray to medium-bluish-gray chert; white to very light gray calcite	40	280
Limestone, white to light-gray, medium crystalline, probably composed of crinoid stems and stem plates; white to very light bluish gray chert; light-greenish-gray shale, probably the Maury Formation	6	286
Chattanooga Shale:		
Shale, medium-dark-gray to grayish-black and brownish-gray to brownish-black, pyritic; medium-gray very fine to coarse-grained poorly sorted sandstone	7	293
Test Well 8-T		
SW¼SE¼ sec. 26, T. 5 S., R. 4 W.		
Soil, red	35	35
Soil, yellow	35	70

Table 5.—*Sample logs of test wells in Morgan County, Ala.*—Continued

	Thickness (feet)	Depth (feet)
Test Well 8-T--Continued		
Sandy clay and gravel, yellow	21	91
Fort Payne Chert:		
Upper unit:		
Limestone, light-olive-gray to medium-olive-gray, very fine to very coarse grained, in part dolomitic, highly weathered	58	149
Limestone, yellowish-gray and light olive-gray to medium-olive-gray, very fine grained and fine- to medium-grained, dolomitic	15	164
Limestone, very light olive gray, very fine grained and medium-grained to coarse-grained, dolomitic; some greenish-gray shale	12	176
Middle unit:		
Limestone, very light olive gray, very fine grained to very coarse grained, dolomitic	8	184
Dolomite, greenish-gray, very fine grained	2	186
Limestone, greenish-gray, very fine to fine-grained, dolomitic; some bluish-gray chert	14	200
Dolomite, very light olive gray, very fine grained, calcareous, about 30 percent silicified; very light olive gray very fine grained limestone, 30 percent silicified; some bluish-gray chert	20	220
Lower unit:		
Dolomite, greenish-gray, very fine grained, 40 percent silicified; some bluish-gray and greenish-gray chert	22	242

REFERENCE NO. 24

GEOHYDROLOGY AND SUSCEPTIBILITY OF MAJOR AQUIFERS TO SURFACE CONTAMINATION IN ALABAMA; AREA 1



Prepared by
U.S. GEOLOGICAL SURVEY
in cooperation with the
ALABAMA DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT

GEOHYDROLOGY AND SUSCEPTIBILITY OF MAJOR AQUIFERS TO SURFACE CONTAMINATION IN ALABAMA; AREA 1

by C. R. Bossong and Wiley F. Harris

U.S. GEOLOGICAL SURVEY

Water-Resources Investigations Report 87-4068

Prepared in cooperation with the

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Tuscaloosa, Alabama

1987

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Ground water in the study area is influenced more greatly than surface water by geology due, principally, to lithologic characteristics that affect the water-bearing characteristics of formations.

The Mississippian carbonate rocks are indurated and thoroughly cemented; consequently they have very little inter-granular space. Their porosity and permeability are related to stress-relief (vertical) and bedding-plane (horizontal) fractures. This type of porosity and permeability is referred to as secondary because it was developed after formation of the rock; it is typically non-uniform and can vary significantly over short distances. The secondary features of the carbonate aquifers are also significantly affected by their chemical composition. The principal constituent of the Mississippian carbonate rocks is calcium carbonate ($CaCO_3$), a compound which is readily soluble by several dilute acids that are normally present in precipitation, runoff, and percolating ground water. Solutional processes have enlarged relatively small and insignificant fractures into very significant cavernous features in many places in the study area. The specific chemical mechanisms of these processes are comprehensively described by Krauskopf (1967), and their importance with respect to solutional development of secondary porosity is described by Stringfield and others (1974).

The indurated and tightly-cemented rocks of the Pottsville Formation have very little primary porosity or permeability. Their water bearing properties, like those of the carbonates, are related to secondary porosity and permeability. The siliceous nature of these rocks does not permit significant solutional enhancement of secondary features.

The unconsolidated sediments of the Tuscaloosa Group are relatively well-sorted. Consequently, they have inter-granular space which provides relatively uniform porosity and permeability. This type of porosity and permeability is referred to as primary because it is inherent. The amount of water that these sediments may store and transmit is principally related to their thickness and areal extent.

Major Aquifers and Their Water-Bearing Characteristics

Three major aquifers have been defined for the purposes of this report. They are the Tuscumbia-Fort Payne aquifer, the Bangor aquifer, and the Tuscaloosa aquifer. Quantitative data describing the specific hydraulic characteristics for these aquifers are not available; however, each aquifer is capable of yielding significant amounts of water to wells and is currently supplying municipal users. Data for public-supply wells in the study area are shown in table 2, and the well locations are shown on plate 1. Ordovician formations and the Pottsville Formation yield only small amounts of water and are not designated as major aquifers because they are not used for municipal supply within the area. The Pottsville Formation is a major aquifer in other parts of the State. Although significant quantities of water may be available from gravel lenses in the regolith, it also has not been designated as a major aquifer. This is due to the preference of regulatory authorities and users to obtain water from bedrock aquifers.

Tuscumbia-Fort Payne Aquifer

The Tuscumbia-Fort Payne aquifer includes the Monteagle Limestone, Tuscumbia Limestone, and Fort Payne Chert. The aquifer name emphasizes the prominence of the Tuscumbia Limestone and the Fort Payne Chert which are the most significant sources of water within it. The Monteagle Limestone is a significant source of water in only the southeastern part of the study area. The Tuscumbia-Fort Payne aquifer is the major aquifer for all of the study area north of Little Mountain and is used for public supplies throughout its outcrop area. The aquifer underlies the entire study area, but has not been developed south of Little Mountain because of the availability of water from the overlying Bangor aquifer. The aquifer is recharged throughout its outcrop by water which infiltrates and percolates through the regolith. The base of the aquifer is the contact with the underlying Chattanooga Shale.

Water in the Tuscumbia-Fort Payne aquifer is partially confined because of the lower hydraulic conductivity of the overlying residual mantle. The Tuscumbia-Fort Payne aquifer is the most widely-used aquifer for public supply in the study area (table 2). Cavernous porosity is present many places where dissolution has enlarged joints and bedding-planes. Wells which penetrate these features produce large quantities of water. The Williams well (57), for instance, is routinely pumped at rates greater than 3,200 gal/min.

Bangor Aquifer

The Bangor aquifer includes the Bangor Limestone and the underlying Hartselle Sandstone. Its thickness and outcrop area is essentially the same as that described for the Bangor Limestone in the geology section although minor differences occur in the vicinity of the Little Mountain. The Hartselle Sandstone is a significant source of water in only a small part of the study area.

The aquifer is recharged throughout its outcrop area by water which infiltrates and percolates through the regolith. The area of use for water supplies is generally restricted to its outcrop area. The base of the aquifer is the contact with underlying formations (Pride Mountain Formation or Monteagle Limestone).

Water in the Bangor aquifer, like the that in the Tuscumbia-Fort Payne aquifer, typically is partially confined. Solutionally enlarged fractures in the Bangor Limestone may be significant sources of water but, the aquifer is not used extensively in the study area.

Tuscaloosa Aquifer

The Tuscaloosa aquifer is in the Tuscaloosa Group in the study area. Its thickness and outcrop area conforms to the description of the Tuscaloosa Group in the Cretaceous System presented in the geology section. The aquifer is not overlain by any other formation in the study area and its outcrop is also its

A feature of the regolith that has been referred to as relict structure is an additional factor that affects the availability of water at the Lowe-Mill site and others like it. As the regolith is formed by weathering forces, the soluble limestone matrix is dissolved much more rapidly than the less soluble chert inclusions. The residual layers of chert rubble, or relict structures, are remarkably similar to gravel beds. They represent areas of high porosity and permeability that are capable of efficiently transmitting water through the regolith.

The uniform nature, or homogeneity, of the Tuscaloosa aquifer allows water within it to be equally free to move in any direction. Such an aquifer is referred to as isotropic. Ground-water movement within an isotropic aquifer is principally affected by gravity but also by local lithologic variations, which in this case are minor, and by the contact of the aquifer with underlying formations such as the Pottsville which are significantly less porous and permeable. Water in the aquifer moves along the hydraulic gradient (plate 1) which generally parallels the westerly-sloping land surface.

Ground water in the Tuscaloosa aquifer occurs in inter-granular space which is relatively uniform throughout. The amounts of water available are related to factors such as the thickness and areal extent of the aquifer. A well penetrating a thin outlier of the aquifer, for instance, will produce much less water than a well penetrating a thick areally extensive portion of the aquifer.

POTENTIAL FOR AQUIFER CONTAMINATION

The potential for aquifer contamination exists in any aquifer wherever recharge processes are active. The sources of contamination may be point sources, such as leaking waste ponds, or non-point sources such as heavily-treated agricultural areas. Areas which have potential for surface contamination can be discussed and generally categorized into areas that are susceptible, highly susceptible, and extremely susceptible. Some general comments concerning the fate of any contaminants that enter the ground-water system can also be made.

The major aquifers in the study area are recharged throughout their outcrop and any contaminants present in the recharge area of an aquifer can reasonably be expected to enter that aquifer. Consequently, the major aquifers are susceptible to contamination throughout their entire outcrop area.

Certain topographic settings which are highly susceptible to contamination from the surface can be generally described. Surfaces which are above the potentiometric surface and are poorly drained represent areas where surface runoff is inhibited and recharge may become more active. Examples of this type of setting in the study area include closed contour depressions, extensive areas of poor drainage, and perched swamps. These features occur commonly; however, it is beyond the scope of this report to delineate these areas. Their presence can be determined through field inspection, use of the potentiometric contours on Plate 1, and 7.5 minute topographic maps.

Areas that are extremely susceptible to surface contamination are those in which solutional processes have been active. Most obviously they include features such as sinkholes where surface water may enter the ground-water system with little or no filtration. Sinkholes occur commonly throughout the carbonate portions of the study area and have been mapped at a scale of one inch equals 2 miles on a county by county basis (U.S. Geological Survey, 1977b). The reader is referred to these county maps for locations of known sinkholes, as the scale on plate 1 cannot accommodate the numerous individual sinkholes that have occurred in the area. Plate 1 does, however, show areas of known sinkholes that have dimensions greater than 0.2 miles. Additional information concerning locations of sinkholes can be obtained from 7.5 minute topographic maps which delineate historical sinkholes.

Additional areas that are extremely susceptible to surface contamination include areas of closed contour depressions that do not expose bedrock and swallets or openings in stream beds where surface drainage may enter the ground-water system. Closed contour depressions typically indicate the presence of solution features on the underlying bedrock surface. They occur throughout the study area and can be located on 7.5 minute topographic maps or during field inspection on a site specific level. These depressions commonly contain ponded surface water for a period of days or weeks after rains. Areas where available records indicate that streams discharge directly to the subsurface are indicated on plate 1.

It is important to determine recharge areas when dealing with aquifer protection; however, it is also important to have some knowledge concerning the relation of recharge areas to specific supply systems. It is desirable, for instance, to be able to delineate and protect the aquifer area that delivers water to pumping wells. Normally, in isotropic homogenous aquifers, water produced from a pumping well is derived locally. However, the highly anisotropic and cavernous features of the carbonate aquifers are capable of transmitting water to pumping wells from outside the local area.

Need for Additional Studies

Many of the hydrogeologic processes which occur in the carbonate aquifers are not completely understood. Additional studies which investigate these processes should be encouraged. It is likely that a comprehensive analysis of existing water-quality and physiographic data would result in a significant contribution to the current understanding of these processes.

Site specific data, while not as well suited for developing general knowledge, can be used to define characteristics for specific supply systems. For instance, the area directly affected by withdrawals from a highly-aniosotropic aquifer such as the carbonate aquifers in the study area is controlled by the geometry of the aniosotropic features, and information that defines this geometry is extremely valuable with respect to protecting the system. A few of the many techniques to determine geometry information are briefly described below.

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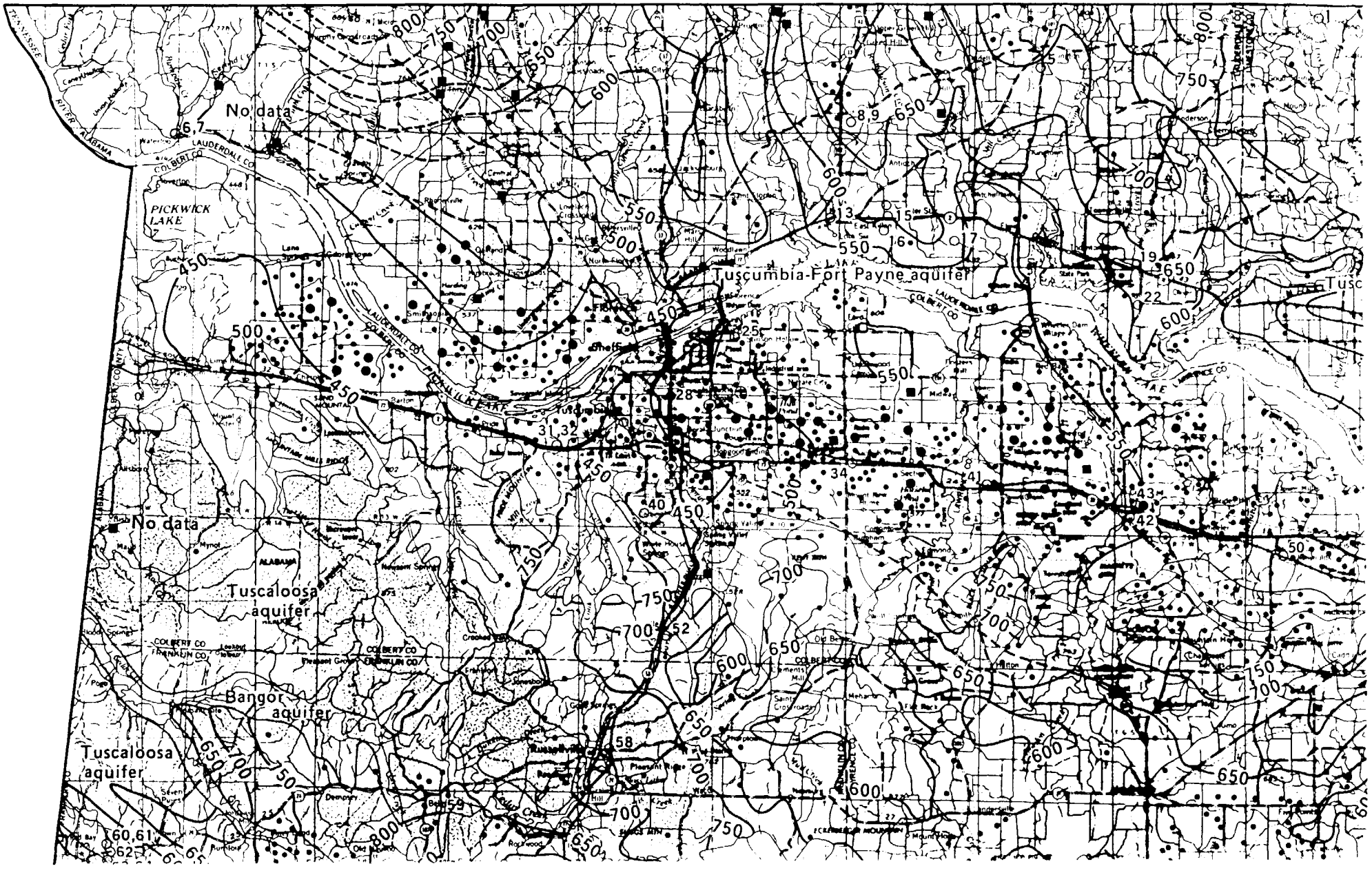
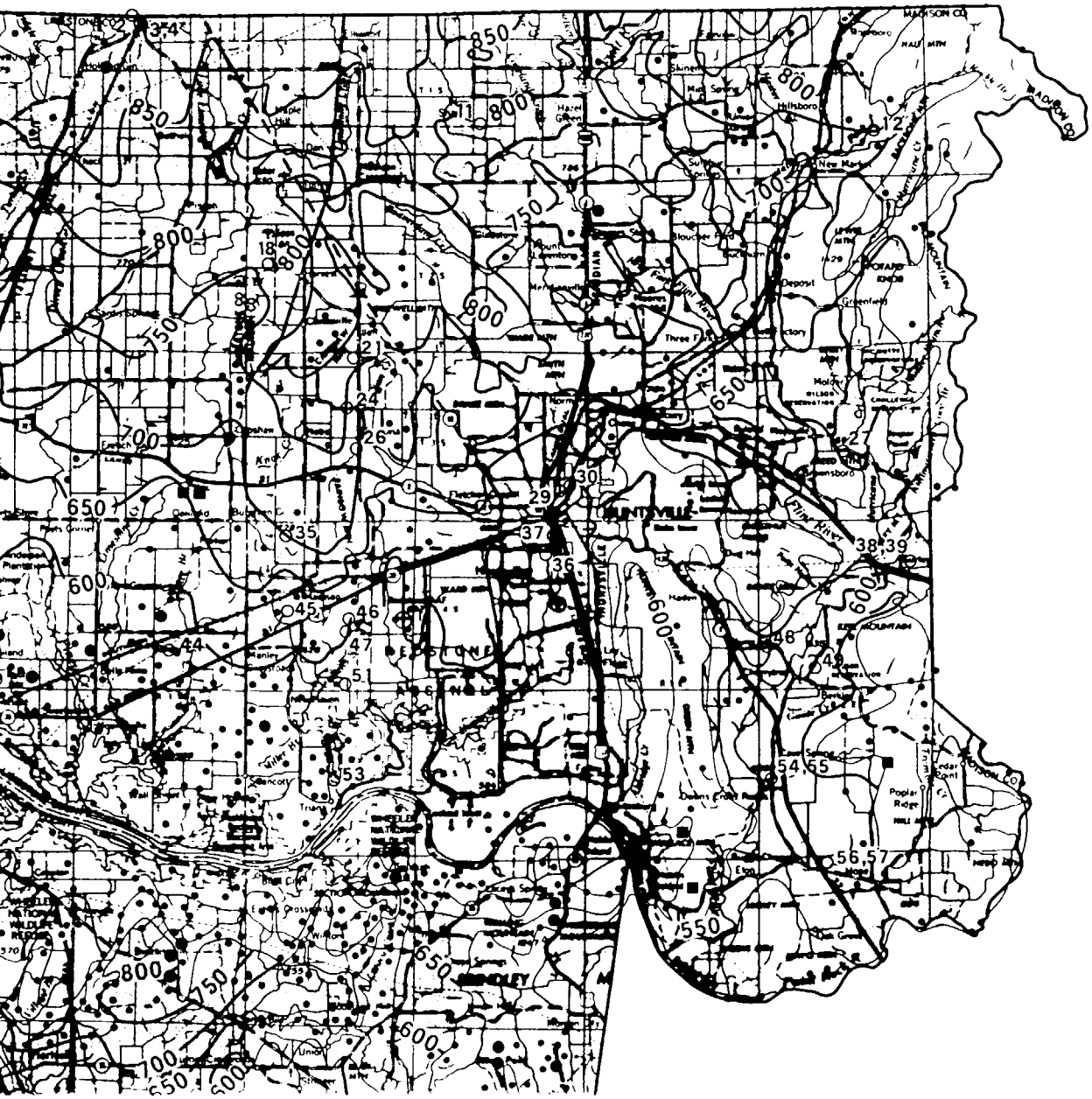


WATER-RESOURCES INVESTIGATIONS
REPORT 87-4068 PLATE 1



POTENTIOMETRIC MAP FOR THE

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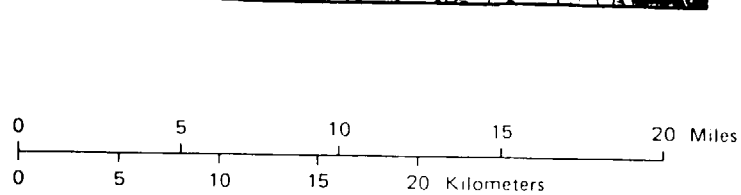
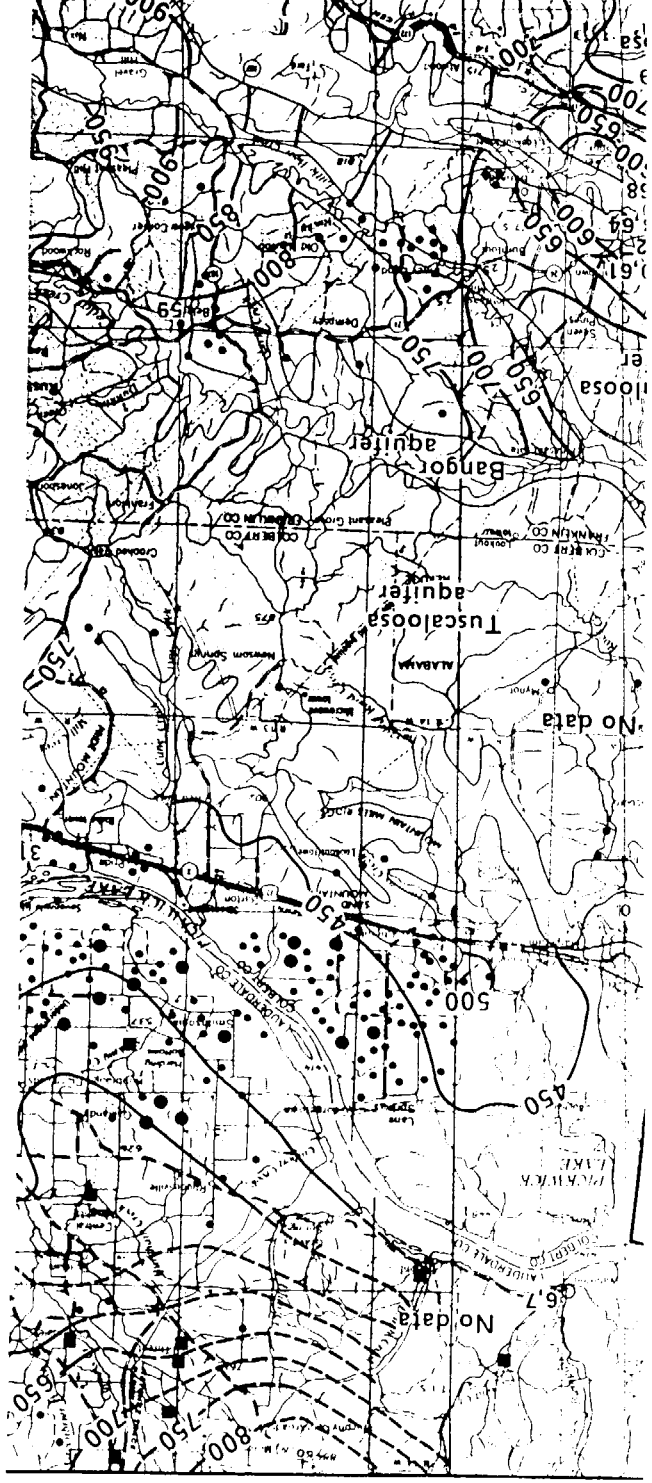


ND LOCATIONS OF PUBLIC SUPPLY WELLS AND SPRINGS.



EXPLANATION

AREA SUSCEPTIBLE TO CONTAMINATION

TUSCUMBIA–FT. PAYNE AQUIFER

BANGOR AQUIFER

TUSCALOOSA AQUIFER

-- 450 — POTENTIOMETRIC CONTOUR––Showing altitude at which water level would have stood in tightly cased wells penetrating respective aquifer (1955–1963). Dashed where approximately located. Datum is sea level.

11 ○ WELLS USED FOR PUBLIC WATER–SUPPLY AND IDENTIFIER

10 ○ SPRING USED FOR PUBLIC WATER–SUPPLY AND IDENTIFIER

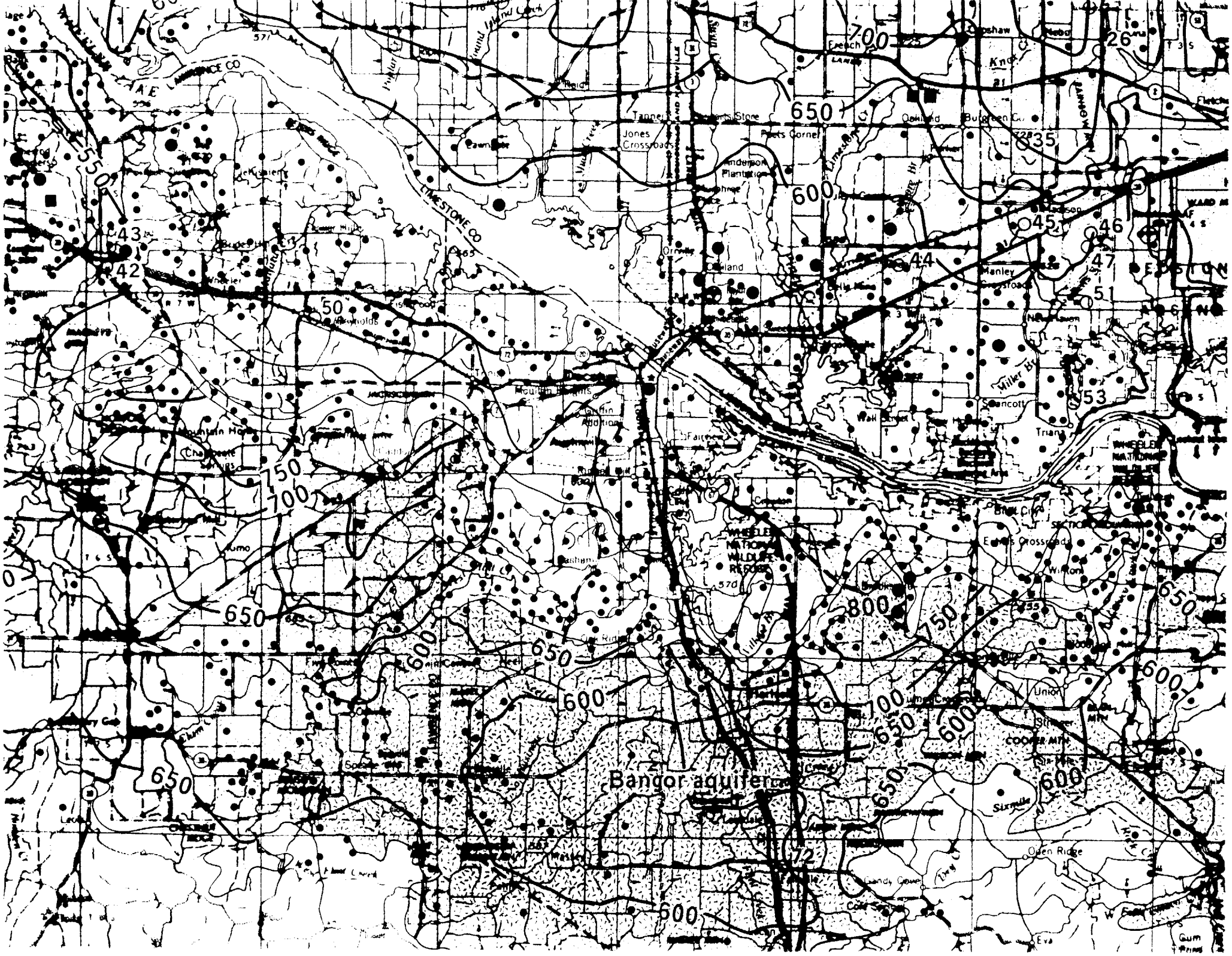
• AREA WITH ONE OR MORE SINKHOLES OR DEPRESSIONS WITHIN 0.25 MILE RADIUS AND WITH GREATEST DIMENSION BEING LESS THAN 0.5 MILES.

● AREA WITH ONE OR MORE SINKHOLES OR DEPRESSIONS WITHIN 0.25 MILE RADIUS AND WITH GREATEST DIMENSION EXCEEDING 0.5 MILES.

■ AREA WHERE STREAM DISCHARGES INTO SUBSURFACE

—— AQUIFER BOUNDARY––Area marked "No Data" are areas where there are no data for the Tuscaloosa aquifer. Areas outside aquifer boundaries are areas with no major aquifer.

POTENTIOMETRIC MAP FOR THE MAJOR AQUIFERS SHOWING AREAS SUSCEPTIBLE TO CONTA



Bangor aquifer
LIMESTONE CO
LAWRENCE CO
WHEELER NATIONAL WILDLIFE REFUGE
Decatur
Mountain Home
Chapeville Springs
Griffin Addition
Fairview
Wall Street
Triana
Swancott
Manley Crossroads
Oakland
Orrville
Jones Crossroads
Tanner
Poets Corner
Anderson Plantation
Oakland
Burgreen Co
Knox
Crossroads
Union
Sixmile
Open Ridge
Eva
Gum Prairie
Cooper Mtn
Miller Br
Limestone Cr
Wheeler
Fishpond
Reynolds
Jackson
Kimo
Speake
Leach
Neel
Oak Ridge
Hartselle
Lacon
Cole Springs
Sandy Cove
Lawrence
Reid
Tanner
Jones Crossroads
Poets Corner
Anderson Plantation
Oakland
Orrville
Manley Crossroads
Swancott
Triana
Union
Sixmile
Open Ridge
Eva
Gum Prairie
Cooper Mtn
Miller Br
Limestone Cr
Wheeler
Fishpond
Reynolds
Jackson
Kimo
Speake
Leach
Neel
Oak Ridge
Hartselle
Lacon
Cole Springs
Sandy Cove
Lawrence
Reid
550
600
650
700
750
800
26
35
42
43
44
45
46
47
50
51
53
72

AQUADOME-OLD LANDFILL SITE
RECORD OF GROUND WATER ELEVATIONS AT MONITORING WELLS
VICINITY BROOKHAVEN SCHOOL

MONITORING WELL NO. :		1	2	3	4
Top of Casing Elevation:		590.28	585.57	574.997	576.15
Plate Elevation :		587.61	582.93	572.44	573.38
DATE	Distance Read:	14.8	14.5	5.9	10.3
7-14-81	Groundwater Elev:	575.5	571.1	569.1	565.9
DATE	Distance Read:	14.6	15.5	6.5	10.8
7-15-81	Groundwater Elev:	575.7	570.1	568.5	565.4
DATE	Distance Read:	14.6	15.1	6.8	11.0
7-16-81	Groundwater Elev:	575.7	570.5	568.2	565.2
DATE	Distance Read:	14.7	15.3	6.3	11.0
7-17-81	Groundwater Elev:	575.6	570.3	568.7	565.2
DATE	Distance Read:	14.8	15.5	6.9	10.9
7-20-81	Groundwater Elev:	575.5	570.1	568.10	565.3
DATE	Distance Read:	15.1	15.5	7.1	11.0
7-21-81	Groundwater Elev:	575.2	570.1	567.9	565.2
DATE	Distance Read:	15.0	15.8	7.0	11.4
7-22-81	Groundwater Elev:	575.3	569.8	568.0	564.8
DATE	Distance Read:	15.0	15.3	7.4	11.2
7-23-81	Groundwater Elev:	575.3	570.3	567.6	565.0
DATE	Distance Read:	15.6	15.3	7.1	11.1
7-24-81	Groundwater Elev:	574.7	570.3	567.9	565.1
DATE	Distance Read:	15.4	15.3	7.0	11.2
7-27-81	Groundwater Elev:	574.9	570.3	568.0	565.0
DATE	Distance Read:	15.4	15.6	7.0	11.2
7-28-81	Groundwater Elev:	574.9	570.0	568.0	565.0
DATE	Distance Read:	15.7	15.7	7.0	11.3
7-29-81	Groundwater Elev:	574.6	569.9	568.0	564.9
DATE	Distance Read:	15.8	5.5	7.2	11.0
8-3-81	Groundwater Elev:	574.5	580.1	567.8	565.2
DATE	Distance Read:	16.2	15.4	7.5	11.7
8-18-81	Groundwater Elev:	574.1	570.2	567.5	564.5
DATE	Distance Read:	15.0	15.3	7.1	11.4
8-25-81	Groundwater Elev:	575.3	570.3	567.9	564.8
DATE	Distance Read:	15.5	15.5	6.8	11.3
9-01-81	Groundwater Elev:	574.8	570.1	568.2	564.9

NOTE: Distance Read Is Down From Top of Casing

AQUADOME-OLD LANDFILL SITE
RECORD OF GROUND WATER ELEVATIONS AT MONITORING WELLS
VICINITY BROOKHAVEN SCHOOL

MONITORING WELL NO. :		1	2	3	4
Top of Casing Elevation :		590.28	585.57	574.997	576.15
Plate Elevation :		587.61	582.93	572.44	573.38
DATE	Distance Read:	15.9	15.8	7.0	11.6
Sept. 81	Groundwater Elev:	574.4	569.8	568.0	564.6
DATE	Distance Read:	17.5	16.4	7.7	11.8
Oct. 81	Groundwater Elev:	572.8	569.2	567.3	564.4
DATE	Distance Read:	17.0	16.8	8.0	12.4
Nov. 81	Groundwater Elev:	573.3	568.8	567.0	563.8
DATE	Distance Read:	17.9	15.9	7.7	12.4
Nov. 81	Groundwater Elev:	572.4	569.7	567.3	563.8
DATE	Distance Read:	11.1	14.5	5.0	9.1
Dec. 81	Groundwater Elev:	579.2	571.1	570.0	567.1
DATE	Distance Read:	8.7	12.5	5.0	8.0
Feb. 82	Groundwater Elev:	581.6	573.1	570.0	568.2
DATE	Distance Read:	5.0	11.9	5.0	7.6
Mar. 82	Groundwater Elev:	585.3	573.7	570.0	568.6
DATE	Distance Read:	10.0	13.0	5.7	8.6
Mar. 82	Groundwater Elev:	580.3	572.6	569.3	567.6
DATE	Distance Read:	9.0	12.5	5.0	8.2
May 82	Groundwater Elev:	581.3	573.1	570.00	568.0
DATE	Distance Read:	10.9	13.2	5.3	8.5
June 82	Groundwater Elev:	579.4	572.4	569.7	567.7
DATE	Distance Read:	12.9	14.3	6.2	10.2
JUN 82	Groundwater Elev:	577.4	571.3	568.8	566.0
DATE	Distance Read:	11.5	14.3	5.3	9.0
AUG 82	Groundwater Elev:	578.8	571.3	569.7	567.2
DATE	Distance Read:	12.2	14.1	6.0	8.9
AUG 82	Groundwater Elev:	578.1	571.5	569.0	567.3
DATE	Distance Read:	14.7	15.0	7.3	10.8
OCT 82	Groundwater Elev:	575.6	570.6	567.7	565.4
DATE	Distance Read:	16.3	16.1	7.9	11.6
OCT 82	Groundwater Elev:	574.0	569.5	567.1	564.6
DATE	Distance Read:	13.0	15.1	5.5	10.0
NOV 82	Groundwater Elev:	577.3	570.5	569.5	566.2

NOTE: Distance Read Is Down From Top of Casing

AQUADOME-OLD LANDFILL SITE
RECORD OF GROUND WATER ELEVATIONS AT MONITORING WELLS
VICINITY BROOKHAVEN SCHOOL

MONITORING WELL NO. :		1	2	3	4
Top of Casing Elevation :		590.28	585.57	574.997	576.15
Plate Elevation :		587.61	582.93	572.44	573.38
DATE	Distance Read:	7.3	7.7	4.5	7.4
) DEC 82	Groundwater Elev:	583.0	577.9	570.5	568.8
DATE	Distance Read:	9.0	12.1	4.9	8.2
3 JAN 83	Groundwater Elev:	581.3	573.5	570.1	568.0
DATE	Distance Read:	8.8	12.3	4.8	6.0
3 MAR 83	Groundwater Elev:	581.5	573.3	570.2	570.2
DATE	Distance Read:	7.6	12.0	5.3	8.0
APR 83	Groundwater Elev:	582.7	573.6	569.7	568.2
DATE	Distance Read:	8.5	12.2	5.3	7.7
APR 83	Groundwater Elev:	581.8	573.4	569.7	568.5
DATE	Distance Read:	8.2	11.8	5.0	7.4
JUN 83	Groundwater Elev:	582.1	573.8	570.0	568.8
DATE	Distance Read:	--	13.0	5.8	8.0
JUL 83	Groundwater Elev:	--	572.6	569.2	568.2
DATE	Distance Read:	12.5	13.9	6.4	9.7
AUG 83	Groundwater Elev:	577.8	571.7	568.6	566.5
DATE	Distance Read:	14.4	15.1	7.8	10.9
SEP 83	Groundwater Elev:	575.9	570.5	567.2	565.3
DATE	Distance Read:	16.4	16.4	8.9	11.6
SEP 83	Groundwater Elev:	573.9	569.2	566.1	564.6
DATE	Distance Read:	17.0	17.0	9.0	12.3
NOV 83	Groundwater Elev:	573.3	568.6	566.0	563.9
DATE	Distance Read:	12.1	15.0	5.3	10.0
DEC 83	Groundwater Elev:	578.2	570.6	569.7	566.2
DATE	Distance Read:	8.5	12.3	4.8	7.6
JAN 84	Groundwater Elev:	581.8	573.3	570.2	568.6
DATE	Distance Read:	8.9	12.2	5.1	8.0
JAN 84	Groundwater Elev:	581.4	573.4	569.9	568.2
DATE	Distance Read:	8.7	12.7	4.9	9.0
MAR 84	Groundwater Elev:	581.6	572.9	570.1	567.2
DATE	Distance Read:	8.0	12.2	5.1	7.6
MAR 84	Groundwater Elev:	582.3	573.4	569.9	568.6

NOTE: Distance Read Is Down From Top of Casing

AQUADOME-OLD LANDFILL SITE
RECORD OF GROUND WATER ELEVATIONS AT MONITORING WELLS
VICINITY BROOKHAVEN SCHOOL

MONITORING WELL NO. :		1	2	3	4	
Top of Casing Elevation :		590.28	585.57	574.997	576.15	
Plate Elevation :		587.61	582.93	572.44	573.38	
DATE	Distance Read:	7.9	12.3	4.8	7.4	
1 MAY 84	Groundwater Elev:	582.4	573.3	570.2	568.8	
DATE	Distance Read:	9.0	12.7	5.0	7.9	
0 MAY 84	Groundwater Elev:	581.3	572.9	570.0	568.3	
DATE	Distance Read:	11.8	13.7	5.6	9.4	
8 JUN 84	Groundwater Elev:	578.5	571.9	569.4	566.8	
DATE	Distance Read:	13.3	14.2	5.3	10.4	
3 AUG 84	Groundwater Elev:	577.0	571.4	569.7	565.8	
DATE	Distance Read:	14.5	15.0	6.5	10.7	
1 AUG 84	Groundwater Elev:	575.8	570.6	568.5	565.5	
DATE	Distance Read:	16.4	16.2	7.8	11.9	
2 OCT 84	Groundwater Elev:	573.9	569.4	567.2	564.3	
DATE	Distance Read:	14.0	15.2	5.5	11.5	
1 OCT 84	Groundwater Elev:	576.3	570.4	569.5	564.7	
DATE	Distance Read:	12.1	13.0	6.0	11.3	
0 DEC 84	Groundwater Elev:	578.2	572.6	569.0	564.9	
DATE	Distance Read:	8.9	12.6	4.7	7.8	
7 JAN 85	Groundwater Elev:	581.4	573.0	570.3	568.4	
DATE	Distance Read:	8.8	12.4	4.7	7.9	
1 FEB 85	Groundwater Elev:	581.5	573.2	570.3	568.3	
DATE	Distance Read:	10.6	13.3	5.9	8.5	
8 MAR 85	Groundwater Elev:	579.7	572.3	569.1	567.7	
DATE	Distance Read:	11.0	13.5	5.6	8.4	
4 APR 85	Groundwater Elev:	579.3	572.1	569.4	567.8	
DATE	Distance Read:					
	Groundwater Elev:					
DATE	Distance Read:					
	Groundwater Elev:					
DATE	Distance Read:					
	Groundwater Elev:					
DATE	Distance Read:					
	Groundwater Elev:					

NOTE: Distance Read Is Down From Top of Casing

REFERENCE NO. 26

Deborah Kristiansen Telephone Contact Summary

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: December 12, 1991 December 12, 1991 SITE: Aquadome Landfill
TIME: 14:10 CERCLIS NO.: ALD 980842512

PERSON CONTACTED: NAME Louie Reeves
TITLE Engineer
PHONE NO. (205) 552-1440
ORGANIZATION Decatur City Utilities
ADDRESS Decatur, Alabama

GENERAL SUBJECT: Decatur City Utitilities service area, number of connections, number and locations of surface water intakes.

CONVERSATION SUMMARY:

Mr. Reeves said that Decatur City Utilities (DCU) has one source of water and it is the Tennessee River. This intake is out in the mid-channel of the river just southeast of the Highway 31 bridge. People within the city of Decatur city limits are all on DCU water. Mr. Reeves is not aware of anyone within the city limits of Decatur using groundwater wells for drinking water purposes. The DCU serves approximately 17,200 residences; 2,200 commercial connections; and 38 industrial connections. They also resale to 10 other municipalities such as southern Limestone County and the city of Hartsell. This gives a total of 19,448 connections served by the DCU.

Mr. Reeves will send me a map showing the most recent service mains (1991) for the DCU. He pointed out that Flint City buys some of its water from Hartsell who in turn buys water from the DCU. The DCU serves west almost to the Morgan County line. Mr. Reeves said that Willow Products which had formerly used a groundwater well for drinking water had stopped this about 5-6 years earlier and had begun to receive their drinking water from the DCU at that time.

NOTE: Deborah Kristiansen called Mr. Louie Reeves again on February 4, 1992, in order to have Mr. Reeves clarify if anyone may be receiving their drinking water from a private well in the Decatur area, and not necessarily just within the city limits. (The water main maps Mr. Reeves sent her made it appear that way.) Mr. Reeves said that there are areas or "pockets" in northern and western Decatur which are not served by the DCU, because they are outside of the city limits of Decatur. These residents, businesses, and industries receive their water from private wells since it is too expensive for them to hook onto the DCU system. This is a somewhat rural area, and not much development has occured there in the past 20 years probably due to not being served by the DCU. The area within the city limits of Decatur west of Beltline Road and south of Old Moulton Road has not been developed much in the past 20 years. Any development which may have occurred within the Decatur city limits would receive water from the DCU.

OVERSIZED

DOCUMENT

REFERENCE NO. 27

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: January 29, 1992 January 29, 1992 SITE: Aquadome Landfill
TIME: 11:30 CERCLIS NO.: ALD 980842512

PERSON CONTACTED: NAME Don Sims
TITLE General Manager
PHONE NO. (205) 355-3746
ORGANIZATION West Morgan County/East Lawrence County Water Authority
ADDRESS Decatur, Alabama

GENERAL SUBJECT: Water service area of the West Morgan County/East Lawrence County Water Authority

CONVERSATION SUMMARY: The West Morgan County/East Lawrence County Water Authority buys water from the city of Decatur. This water authority hooks on at the city limits of Decatur and does not serve in the areas of northwest and west Decatur. Don Sims was not aware of any other water authority which might serve those areas of northwest and west Decatur by-passed by the Decatur City Utilities.

REFERENCE NO. 28

U.S. Department of Commerce, Proof Copy of table generated for CPH-1: Summary Population and Housing Characteristics, issued by Bureau of the Census (April 1991).

Table 6. Household, Family, and Group Quarters Characteristics: 1990

[For definitions of terms and meanings of symbols, see text]

State / County / Place and (In Selected States) County Subdivision	Persons in households	All households	Family households: Total	Family households: Married-couple family	Family households: Female householder, no husband present	Nonfamily households: Total	Householder living alone: Total	Householder living alone, 65 years and over: Total	Householder living alone, 65 years and over: Female	Persons per—: Household	Persons per—: Family	Persons in group quarters: Total	Persons in group quarters: Institutionalized persons	Persons in group quarters: Other persons in group quarters
The State	3 944 186	1 506 790	1 103 835	880 327	201 230	402 955	365 875	184 191	125 808	2.62	3.13	96 401	51 383	45 018
COUNTY														
Autauga County	34 029	11 828	9 501	7 708	1 437	2 325	2 083	933	746	2.88	3.27	194	173	21
Baldwin County	97 144	37 044	28 142	23 512	3 714	8 902	7 923	3 717	2 674	2.62	3.08	1 136	759	377
Barbour County	24 844	9 218	6 687	4 888	1 518	2 531	2 340	1 218	961	2.70	3.28	573	539	34
Bibb County	16 333	5 745	4 478	3 628	650	1 287	1 164	628	516	2.84	3.28	243	225	18
Blount County	38 047	14 644	11 654	10 138	1 180	2 990	2 788	1 500	1 242	2.67	3.06	201	182	19
Bullock County	10 386	3 787	2 712	1 583	978	1 075	1 021	592	454	2.74	3.35	673	673	-
Butler County	21 687	7 936	5 825	4 261	1 288	2 110	1 987	1 174	925	2.73	3.29	205	205	-
Calhoun County	111 127	42 983	31 718	25 111	5 348	11 265	9 886	4 215	3 477	2.59	3.08	4 907	954	3 953
Chambers County	36 502	13 786	10 218	7 564	2 168	3 567	3 288	1 794	1 429	2.65	3.15	374	363	11
Cherokee County	19 468	7 486	5 880	4 984	666	1 606	1 523	828	663	2.61	3.01	77	76	1
Chilton County	32 228	12 114	9 382	7 773	1 218	2 782	2 582	1 358	1 073	2.66	3.08	230	212	18
Choctaw County	15 841	5 747	4 313	3 291	831	1 434	1 370	705	528	2.77	3.32	77	77	-
Clarke County	26 935	9 506	7 192	5 488	1 404	2 314	2 184	1 138	886	2.83	3.37	305	303	2
Clay County	13 084	5 003	3 794	3 168	465	1 208	1 153	646	525	2.62	3.08	166	166	-
Cleburne County	12 662	4 776	3 746	3 212	384	1 028	955	486	408	2.65	3.05	68	67	1
Coffee County	39 786	15 280	11 570	9 546	1 638	3 690	3 315	1 525	1 236	2.61	3.05	452	384	68
Colbert County	51 379	20 086	15 174	12 410	2 276	4 922	4 582	2 281	1 873	2.56	3.01	287	239	48
Conecuh County	13 946	5 258	3 888	2 926	808	1 381	1 308	750	596	2.65	3.18	106	92	14
Coosa County	10 907	4 017	3 086	2 488	476	922	865	416	306	2.72	3.17	156	156	-
Covington County	36 141	14 444	10 474	8 440	1 628	3 970	3 707	2 079	1 664	2.50	3.01	337	284	53
Crenshaw County	13 485	5 282	3 786	2 870	747	1 476	1 407	831	640	2.56	3.12	140	140	-
Cullman County	66 715	25 605	19 915	17 166	2 083	5 690	5 284	2 729	2 237	2.61	3.02	898	717	181
Dale County	47 225	17 574	13 334	10 818	2 052	4 240	3 708	1 428	1 127	2.69	3.15	2 408	306	2 102
Dallas County	47 196	17 033	12 402	7 770	4 036	4 631	4 322	2 163	1 683	2.77	3.36	934	568	366
DeKalb County	54 175	20 888	16 084	13 980	1 621	4 674	4 571	2 430	1 886	2.59	3.02	474	474	-
Elmore County	46 836	16 532	13 000	10 628	1 858	3 532	3 212	1 515	1 194	2.77	3.19	3 374	3 363	11
Escambia County	34 154	12 888	9 507	7 258	1 841	3 382	3 128	1 586	1 283	2.65	3.16	1 384	1 384	-
Etowah County	96 566	36 675	26 595	22 066	4 573	10 080	9 411	4 763	3 953	2.58	3.04	1 272	980	292
Fayette County	17 785	6 889	5 165	4 308	665	1 684	1 580	932	754	2.58	3.08	177	126	51
Franklin County	27 504	10 680	8 164	6 938	973	2 486	2 328	1 386	1 119	2.53	3.00	310	306	4
Geneva County	23 523	9 231	6 870	5 686	611	2 361	2 234	1 213	1 008	2.56	3.03	124	124	-
Greene County	10 083	3 512	2 532	1 475	884	980	917	488	353	2.87	3.50	70	70	-
Hale County	15 232	5 397	3 983	2 676	1 084	1 414	1 316	744	534	2.82	3.40	286	284	2
Henry County	15 280	5 780	4 330	3 336	779	1 440	1 345	787	608	2.65	3.13	114	103	11
Houston County	80 450	30 844	22 628	17 682	4 087	8 216	7 428	3 222	2 614	2.61	3.12	881	738	143
Jackson County	47 480	18 080	14 041	11 840	1 676	3 979	3 728	1 833	1 486	2.63	3.06	336	170	166
Jefferson County	638 382	251 479	176 573	128 641	38 530	74 906	68 693	28 861	21 781	2.54	3.10	13 143	8 463	4 680
Lamar County	15 536	6 006	4 512	3 777	571	1 493	1 416	814	653	2.59	3.07	179	162	17
Lauderdale County	78 134	30 806	22 968	19 144	3 113	7 838	7 235	3 414	2 807	2.53	3.00	1 527	633	894
Lawrence County	31 346	11 410	9 032	7 514	1 188	2 378	2 225	1 146	871	2.75	3.16	167	167	-
Lee County	82 724	33 087	20 115	15 336	3 875	12 982	8 635	2 301	1 538	2.50	3.11	4 422	703	3 719
Limestone County	52 404	19 685	15 277	12 784	1 935	4 408	4 077	1 791	1 456	2.66	3.08	1 731	1 589	142
Lowndes County	12 630	4 056	3 143	1 882	1 086	913	850	480	344	3.11	3.65	28	28	-
Macon County	22 611	8 483	5 536	3 119	2 056	2 948	2 482	1 137	855	2.67	3.38	2 317	563	1 754
Madison County	233 148	91 208	66 475	53 198	9 508	25 733	21 923	5 866	4 758	2.56	3.06	5 783	1 408	4 366
Marengo County	22 888	8 156	6 088	4 326	1 466	2 068	1 873	1 087	834	2.81	3.37	195	188	6
Marion County	29 219	11 521	8 700	7 391	1 013	2 821	2 680	1 432	1 174	2.54	2.98	611	570	41
Marshall County	70 119	27 761	20 987	17 403	2 780	6 834	6 332	3 138	2 594	2.53	2.97	713	574	139
Mobile County	371 582	136 898	100 814	73 628	22 877	36 085	31 861	12 546	9 841	2.71	3.23	7 081	3 951	3 130
Monroe County	23 801	8 412	6 398	4 846	1 261	2 057	1 915	872	754	2.83	3.36	167	160	7
Montgomery County	201 578	77 173	53 573	37 873	13 254	23 600	20 578	7 608	6 186	2.61	3.21	7 507	4 276	3 231
Morgan County	98 295	37 790	28 661	23 679	3 883	9 148	8 370	3 364	2 708	2.60	3.06	1 748	1 600	148
Perry County	12 145	4 201	3 102	1 984	945	1 099	1 048	605	464	2.89	3.50	614	138	476
Pickens County	20 456	7 580	5 650	4 179	1 238	1 910	1 822	1 038	787	2.70	3.21	243	222	21
Pike County	25 824	10 314	6 948	5 082	1 606	3 366	2 982	1 432	1 163	2.50	3.11	1 771	214	1 557
Randolph County	19 671	7 553	5 640	4 532	874	1 913	1 814	1 006	800	2.60	3.08	210	204	6
Russell County	44 288	17 480	12 738	9 046	3 053	4 763	4 288	1 825	1 382	2.66	3.17	574	406	168
St. Clair County	48 463	17 686	14 084	12 032	1 587	3 572	3 285	1 488	1 194	2.74	3.13	1 558	1 530	28
Shelby County	97 530	35 986	27 767	24 086	2 882	8 218	7 034	1 888	1 483	2.71	3.14	1 819	582	1 237
Sumter County	15 434	5 546	3 914	2 417	1 288	1 631	1 475	778	590	2.78	3.42	740	142	598
Talladega County	71 728	26 448	20 196	15 588	3 732	6 253	5 782	2 810	2 252	2.71	3.18	2 379	1 854	525
Tallapoosa County	36 237	14 700	10 992	8 507	2 046	3 708	3 446	1 827	1 454	2.60	3.08	589	575	14
Tuscaloosa County	141 179	55 354	37 366	28 683	7 184	17 988	14 272	4 786	3 813	2.55	3.13	9 343	3 574	5 769
Walker County	66 858	25 564	19 534	16 072	2 723	6 030	5 608	2 867	2 402	2.62	3.08	611	461	150
Washington County	16 804	5 709	4 548	3 648	725	1 161	1 086	564	431	2.81	3.35	90	90	-
Wilcox County	13 365	4 415	3 280	2 080	1 033	1 128	1 058	598	463	3.02	3.64	213	210	3
Winston County	21 815	8 544	6 584	5 688	705	1 980	1 836	937	744	2.55	2.97	238	211	27
PLACE AND COUNTY SUBDIVISION														
Abbeville city, Henry County	3 081	1 214	832	626	196	382	341	208	177	2.54	3.13	92	90	2
Adamsville city, Jefferson County	4 142	1 484	1 219	1 013	155	265	245	123	101	2.79	3.13	19	-	19
Addison town, Winston County	626	263	194	152	36	69	61	30	27	2.38	2.80	-	-	-
Akron town, Hale County	468	182	120	63	51	62	60	42	30	2.57	3.31	-	-	-
Alabaster city, Shelby County	14 456	4 921	4 154	3 586	466	767	668	214	185	2.94	3.23	277	244	33
Albertville city, Marshall County	14 354	5 838	4 248	3 439	681	1 590	1 486	751	648	2.46	2.95	151	142	9
Alexander City city, Tallapoosa County	14 630	5 745	4 152	3 083	913	1 593	1 488	824	683	2.55	3.08	287	287	-
Aliceville city, Pickens County	2 933	1 200	763	488	246	437	423	283	233	2.44	3.20	76	76	-
Allgood town, Blount County	464	163	138	110	20	25	22	14	13	2.85	3.08	-	-	-
Altoona town	910	380	284	202	46	116	114	64	50	2.38	2.98	50	50	-
Blount County	3	1	1	1	-	-	-	-	-	3.00	3.00	-	-	-
Etowah County	907	379	283	201	46	116	114	64	50	2.38	2.98	50	50	-
Andalusia city, Covington County	9 120	3 612	2 386	1 802	561	1 226	1 147	603	513	2.39	3.00	148	108	40
Anderson town, Lauderdale County	339	144	105	88	15	39	38	22	17	2.35	2.84	-	-	-
Anniston city, Calhoun County	25 100	10 607	7 250	4 910	2 008	3 357	3 208	1 589	1 312	2.42	3.03	463	404	59
Arab city	6 256	2 592	1 909	1 575	275	683	645	320	291	2.41	2.88	66	66	-
Cullman County	22	10	9	7	1	1	1	1	1	2.20	2.33	-	-	-
Marshall County	6 234	2 582	1 900	1 568	274	682	644	319	290	2.41	2.88	66	66	-
Ardmore town, Limestone County	1 080	439	315	236	64	124	118	64	60	2.46	3.02	-	-	-
Argo town	930	332	270	242	23	62	56	27	17	2.80	3.15	-	-	-
Jefferson County	59	21	15	15	-	6	6	4	2	2.81	3.53	-	-	-
St. Clair County	871	311	255	227	23	56	50	23	15	2.80	3.13	-	-	-
Ariton town, Dale County	743	285	200	151	42	85	84	47	41	2.61	3.24	-	-	-
Arley town, Winston County	330	123	102	84	16	21	19	13	9	2.75	3.07	-	-	-

TP58 [POSTSCRIPT] CPH101 CENSUS90 7 04/22/91 PM MACHINE C DATA:CENSUS90 PH1TPSDAT01 04/23/91 11:56:37 OUTPUT:CNSITE-P1047 PAGE: 65
TSP CENSUS90 90. 04/20/91 11:52:28 UTF:CENSUS90 90. 04/23/91 11:53:55 META:CENSUS90 PH1TABLE001 04/23/91 11:56:36

NOTE: The population counts set forth herein are subject to possible correction for undercount or overcount. The United States Department of Commerce is considering whether to correct these counts and will publish corrected counts, if any, not later than July 15, 1991.

REFERENCE NO. 29

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV

DATE: November 12, 1991 November 12/1991 SITE: Aquadome Site

TIME: 15:35 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Angela Free
TITLE Executive Secretary
PHONE NO. (205) 353-5312
ORGANIZATION Chamber of Commerce
ADDRESS Decatur, Alabama

GENERAL SUBJECT: Brook haven Middle School student population in Decatur, Alabama. Development in western Decatur in the past twenty years.

CONVERSATION SUMMARY: Angela Free estimated that there are over 1,000 students attending grades 6 - 8 at Brookehaven Middle School. She was especially aware of the number of students since there has recently been such an overcrowding of the student population at Brookehaven Middle School. So much overcrowding has occurred that students from this school have had to be sent to schools in other parts of southeast Decatur.

For the exact number of students and teachers, she suggested calling the Decatur city Board of Education at (205) 552-3000. For the number of employees at the Aquadome recreational facilities she suggested calling the City of Decatur Parks and Recreation Department at (205) 351-7782.

Angela Free stated that there had not been much development in the northwestern Decatur area in the past twenty years. However, the Moulton Heights area south of Old Moulton Road and west of Beltline Road had grown some, but this area was within Decatur city limits.

Angela Free will send a map of Decatur, Alabama, which may be helpful in determing the developed areas of the city.

REFERENCE NO. 30

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: January 28, 1992 January 28/1992
TIME: 16:55

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME David Nelson
TITLE Director of Environmental Health Department, North Alabama
PHONE NO.: (205) 353-0786
ORGANIZATION Alabama Department of Public Health
ADDRESS Decatur, Alabama

GENERAL SUBJECT: Sources of drinking water for private residences and businesses which are not served by the Decatur City Utilities. Noted numerous sinkholes in the Decatur city area.

CONVERSATION SUMMARY: West Morgan County/ East Lawrence County Water Authority, (205) 355-3746, may serve areas in western Decatur not served by Decatur City Utilities. David Nelson did a three county study, and found 65% of wells and springs in three counties were not suitable for human consumption due to high levels of fecal coliform among other hazardous constituents.

David Nelson has worked for the Alabama Department of Public Health for about 20 years. During a study the Tennessee Valley Authority was preparing, some aerial photos were taken of the Decatur area. These aerial photos showed over 50 sinkholes. Houses were even constructed inside of sinkholes that were so large the residents were not aware of the sinkholes.

REFERENCE NO. 31

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: January 29, 1992 January 29, 1992 SITE: Aquadome Landfill
TIME: 11:20 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Danny Moore
TITLE Chief, Water Resources Division
PHONE NO. (205) 349-2852
ORGANIZATION Alabama Geological Survey
ADDRESS Tuscaloosa, Alabama

GENERAL SUBJECT: Private wells in Decatur, Alabama

CONVERSATION SUMMARY: The Alabama Geological Survey (AGS) requires that drillers of private wells obtain a well permit and these permits are kept on file at the AGS. However, not all private wells drillers do this, and consequently only approximately one quarter of the permits are obtained of those wells actually drilled. The permits are not on a database. Danny Moore said I was welcome to come to the AGS office and go through the files, but he said a door to door survey would be the most accurate assessment of existing private wells in Decatur, Alabama.

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AQUADOME LANDFILL
LATITUDE 34:35:15 LONGITUDE 86:59:30 1980 POPULATION

KM	0.00-.400	.400-.810	.810-1.60	1.60-3.20	3.20-4.80	4.80-6.40	SECTOR TOTALS
S 1	0	1296	1037	1922	538	0	4793
S 2	0	0	984	4489	64	0	5537
S 3	0	0	0	4440	3328	0	7768
S 4	0	1297	0	2349	1075	4221	8942
S 5	0	0	3918	3971	0	0	7889
S 6	0	0	0	6623	0	623	7246
RING TOTALS	0	2593	5939	23794	5005	4844	42175

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REFERENCE NO. 33

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: December 18, 1991 December 18, 1991 SITE: Aquadome Landfill
TIME: 13:00 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Tuck Stone
TITLE Refuge Manager
ORGANIZATION Wheeler National Wildlife Refuge
ADDRESS Decatur, Alabama
PHONE (205) 353-7243

GENERAL SUBJECT: Wheeler National Wildlife Refuge drinking water source

CONVERSATION SUMMARY: Tuck Stone said that the Wheeler National Wildlife Refuge receives all of its drinking water from Decatur City Utilities.

REFERENCE NO. 34

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: Decemeber 13, 1991 December 13, 1991 SITE: Aquadome Landfill
TIME: 10:00 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME James Dailey
TITLE Environmental Engineer
PHONE NO. (205) 271-7821
ORGANIZATION Alabama Department of Environmental Management, Water Supply Department
ADDRESS Montgomery, Alabama

GENERAL SUBJECT: Surface water intakes on the Tennesse River downstream of Decatur, Alabama, to almost the Limestone - Lauderdale County line (river mile 288). Private wells in Decatur, Alabama.

CONVERSATION SUMMARY: There are no other surface water intakes on the Tennessee River between the Decatur City Utility intake at river mile 306 and river mile 288 according to Mr. Dailey. This includes municipal, commercial, agricultural, and industrial intakes. The closest intake is Champion Paper Company's at approximately river mile 285.

NOTE: Deborah Kristiansen called again on January 29, and spoke with Joe Brewer, Environmental Scientist in the Water Supply Department of the Alabama Department of Environmental Management (ADEM). Well permits for private wells drilled in Decatur, Alabama, are on file in the ADEM office, but they are not on a database. He suggested that I come and go through the files, and he offered his assistance if necessary.

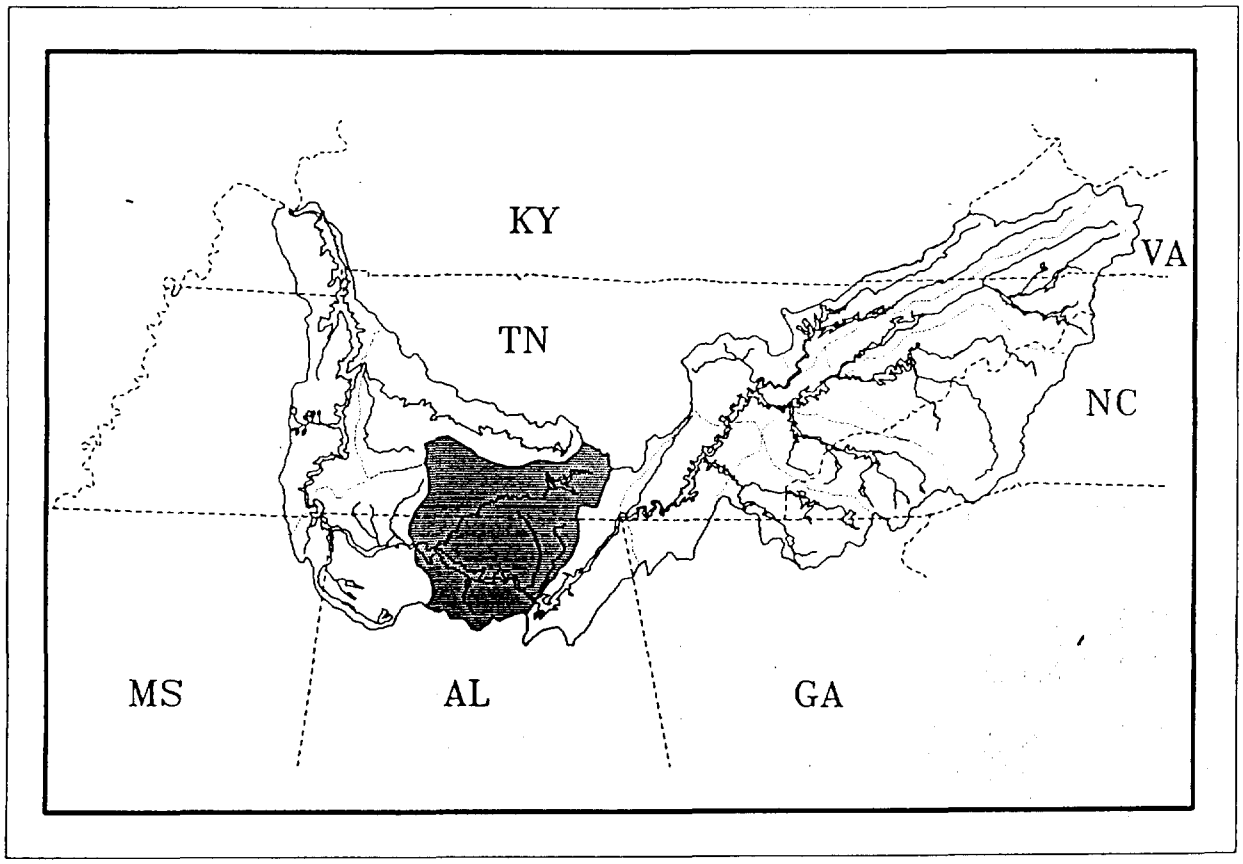
REFERENCE NO. 35

WATER RESOURCES &
ECOLOGICAL MONITORING

WATER RESOURCES MANAGEMENT

TVA/WR/WQ—90/6

WATER RESOURCES ISSUES ANALYSIS: WHEELER RESERVOIR WATERSHED REGION



Tennessee Valley Authority
Water Resources Division

January 1990

TVA/WR/WQ--90/6

TENNESSEE VALLEY AUTHORITY

Resource Development
River Basin Operations
Water Resources

SURFACE WATER RESOURCES ISSUES ANALYSIS: WHEELER RESERVOIR WATERSHED REGION

Principal Author:
Janice P. Cox, Water Quality Department

Contributors:
Mahlon P. Taylor, formerly Division of Services and Field Operations
Donald C. Wade, Aquatic Biology Department

Chattanooga, Tennessee
February 1990

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Table 2. Surface Water Supply Intakes in the Wheeler Reservoir Area

Water supply	Intake location	Average daily use (mgd)
Municipal		
Decatur, Alabama	TRM 306.0	21.3
Hartselle, Alabama	Flint Creek mile 11.9	1.7
Northeast Morgan County Water and Fire Protection Authority	TRM 331.1	0.98
Huntsville, Alabama	TRMs 319.4 and 334.2	4.0 and 17.0, respectively
Industrial		
TVA--Wheeler Dam Hydro	TRM 274.9	32,026.5
TVA--Browns Ferry Nuclear Plant	TRM 293.6	639.1
Champion International	TRM 282.6	54.0
AMOCO Chemical Corporation	TRM 299.5	4.6
3M Company	TRM 299.7	10.0
Monsanto Textile Company	TRM 301.9	85.0
Redstone Arsenal	TRM 330.2 and 324.2	19.3
Norton Company, Inc.	TRM 335.3	2.35
Independence Tube--proposed	(TRM 297.0)	-
Irrigation		
Joe Wheeler State Park	TRM 278.5	0.36
City of Decatur--Point Mallard Park Golf Course	TRM 308.2	included in Decatur, Alabama above
Joe Wheeler Estate	Goldfield Branch mile 0.7 (opposite TRM 285.05)	<0.01
Gilchrist Farming Company	Spring Creek mile 4.8	<0.01
Clancy Lumber Company	Goldfield Branch mile 0.5	<0.01

Assimilation of Municipal and Domestic Wastewater

Permitted discharges of treated municipal and domestic wastewater are listed in table 3 and shown in figure 1. Ten plants in the study area have design capacities greater than 1 million gallons per day (mgd): Athens (7 mgd), Decatur (24 mgd), Hartselle (2.7 mgd), Limestone Creek (1.5 mgd), and Huntsville (6 plants totaling 54.6 mgd). The huge majority of treatment plants in the area are small facilities that discharge to tributary streams rather than to the reservoir.

In 1984, sanitary sewage treatment at Browns Ferry Nuclear Plant (BFN) was converted from three package plants to a secondary treatment facility consisting of a 5.5-acre lagoon with an average effluent flow of 0.125 mgd. The lagoon is operating

Table 6. Boat Docks, Launches, and Recreation Areas on Wheeler Reservoir

Facility	Location	Boat dock	Launching ramp	Public swimming	Camping
Joe Wheeler State Park	TRM 275.2 (R)	X	X	X	X
Second Creek Dock	Second Creek mile 3.5	X			X
Spring Creek Dock	TRM 283.0 (L)	X	X	X	X
Elk River Lodge	Elk River mile 5.0		X		X
Blue Springs Camp	Elk River mile 0.8	X	X		X
Elk River Mills Dock	Elk River mile 14.5	X			
Elk River Rest Area	Elk River embayment		X		X
Limestone County Park	TRM 286.0 (R)	X	X		X
Mallard Creek Boat Dock	TRM 294.8 (L)	X	X		X
Decatur Boat Harbor	TRM 305.0 (R)	X	X	X	X
Flint Creek Boat Dock	Flint Creek embayment	X			
Madison County Boat Harbor and Park	TRM 334.0 (R)	X	X		X
TVA--Wheeler Dam Reservation	TRM 275		X		X
TVA--Round Island Creek Recreation Area	TRM 298 (R)		X	X	X
TVA--Mallard Creek Recreation Area	TRM 293 (L)		X	X	X
TVA--Guntersville Dam Reservation	TRM 348		X		
Lake Shore Marina	TRM 302.8 (L)	X	X		
Point Mallard Park	TRM 308.5 (L)			X	X
Ditto Landing Marina	TRM 333.4 (R)	X			
Limestone Creek Boat Launch	Limestone Creek embayment		X		
Cotaco Creek Boat Launch	Cotaco Creek embayment		X		
Triana Recreation Area	TRM 320.9 (R&L)		X		
Hobbs Island Boat Launch	TRM 336.7 (R)		X		

NOTE: Facilities and services subject to change without notice.
Sources: Recreation on TVA Lakes, TVA/ONRED/LER-84/7; Wheeler and Wilson Lakes Recreation Map, and TVA Mapping Services Branch, 1985.

Many species of shorebirds stop briefly in early fall and again in the spring. Quail and mourning doves are numerous. In all, the list of birds around Wheeler Reservoir includes 304 species. Beaver, muskrats, mink, otters, and other mammals also occur around the water.

Fish and Aquatic Life

Commercial and Sport Fin Fishery--Wheeler Reservoir supports a diverse and extensive commercial and sport fishery. The estimated annual commercial harvest is 1,400,000 pounds, comprised mostly of buffalo (932,000 pounds) and catfish (468,000 pounds). Smallmouth buffalo and blue, channel, and flathead catfish comprise most of the harvest, although other species including carp, gar, redhorse, drum, and paddlefish are also marketed. The total value of the annual fin fish harvest is estimated to be $510,000. Interstate sale of fish from Wheeler Reservoir is limited because of DDT contamination (see Management Issues, below).

The principal sport species harvested are crappie, largemouth and smallmouth bass, sunfish, catfish, and sauger. Both black and white crappie are harvested, and bluegill and redear comprise most of the sunfish harvest. Blue and channel catfish are the most abundant catfish in the sport harvest. The estimated annual sport fish harvest on Wheeler Reservoir is 188,000 pounds taken during 100,000 to 120,000 sport fishing trips. The total maximum annual expenditure by these sport fishermen is estimated to be between $11,500,000 and $13,000,000.

Additional information on the Wheeler Reservoir fishery is summarized in appendix C.

Mussel Fishery--The mussel harvest on Wheeler Reservoir is limited. Habitat of mussels native to the Tennessee River has been altered by impoundment except in the Guntersville Dam tailwater. This area, extending from Guntersville Dam downstream to the mouth of Shoal Creek (TRM 347) has been designated a mussel sanctuary by the State of Alabama. A second sanctuary has been designated from TRM 337 to TRM 333. A few mussel fishermen (15 or fewer) operate brail boats part time in the upper reaches of the reservoir, and limited diving for mussels occurs where shells are found to be abundant. In the late 1970s, a large population of washboards (Megalonaias gigantea) was found from Round Island Creek to just above the causeway at the U.S. Highway 20 bridge. Approximately 50 to 70 divers worked this area for about two years until the harvestable shells were depleted. Many small shells were also taken as stock for a pearl culture venture in Tennessee. Since this bed was depleted, a few divers (fewer than 30) work the reservoir part time. Although the annual mussel harvest from Wheeler Reservoir was as much as 4,800 tons in 1953, at present the harvest is probably less than 80 tons. The approximate value of the current harvest is $80,000 to $95,000, depending on shell quality.

Additional information on the mussel community of Wheeler Reservoir is summarized in appendix C.

Aquatic Vegetation--As of 1988, there were 9,843 acres of Wheeler Reservoir (approximately 14 percent of the reservoir surface area at full pool) colonized with aquatic plants. Eurasian watermilfoil (Myriophyllum spicatum) and southern naiad (Najas guadalupensis) are the most abundant species and collectively account for over 80 percent of the total acreage colonized (table 7). The majority of the colonization is in the area around Decatur.

Table 7. 1988 Acreage of Aquatic Plants in Wheeler Reservoir, by Species

Species	Acres
Eurasian watermilfoil (Myriophyllum spicatum)	6,767
Spinyleaf and southern naiads (Najas minor and Najas guadalupensis)	850
Mixed milfoil and naiads	278
American lotus (Nelumbo lutea)	929
Pondweed (Potamogeton spp.)	30
Coontail (Ceratophyllum demersum)	9
Hydrilla (Hydrilla verticillata)	65
Algae (Chara zeylandica and unidentified filamentous spp.)	320
Mixed (milfoil, naiads, coontail, Egeria densa, etc.)	595

Table C-5. (Continued)

Scientific Name	Common Name	Status: Alabama	Status: Federal	Location (Quadrangle)	Remarks
FISH					
Typhlichthys subterraneus	southern cavefish	SPCO	-	(53SE,68SE,69NW,74SE, 74SW,75NE,75NW,75SE, 76NE,81SE,82SW,82NE, 83NW,88SW)	Inhabits several caves in Wheeler Reservoir area.
FISH (continued)					
Etheostoma tuscumbia	Tuscumbia darter	SPCO	C2	(61NW,68NW,68NE,68SE, 74SW,75SW,75NE,74SE)	Inhabits springs and spring runs with heavy aquatic vegetation.
Elassoma sp.	spring pigmy sunfish	End	C1	(68NW,68NE)	Inhabits springs and spring runs with relatively clear water, little current, and moderately dense aquatic vegetation. Single known population in this area is in Beaverdam Spring, west of Madison.
Notropis sp.	undescribed "palezone" shiner	Thr	C2	(88NW)	
Fundulus albolineatus	whiteline topminnow	Ext	3A	(75NE)	
Etheostoma boschungi	slackwater darter	Thr	LT	(74NE)	
AMPHIBIANS					
Gyrinophilus palleucus	Tennessee Cave salamander	STUN	C2	(60NW,61SE,68SE,69SW, 74SE,75NW,81SE)	Known from three caves in Wheeler Reservoir area.

Table C-5. (Continued)

Scientific Name	Common Name	Status: Alabama	Status: Federal	Location (Quadrangle)	Remarks
AMPHIBIANS (continued)					
Cryptobranchus alleghaniensis	hellbender	Thr	C2	(61SE,83NW,81SW,74NE)	Inhabits swift, medium to large, clear streams with rocky bottoms. Reported from Bakers Creek, Guntersville Dam tailwater, Walker Creek, and upper Flint River.
Aneides aeneus	green salamander	STUN	C23C	(75NE)	
REPTILES					
Alligator mississippiensis	American alligator	SPCO	LT	(68NE,68SE,75SW)	
MAMMALS					
Myotis grisescens	gray bat	End	LE	(53SE,60SW,75SW, 76NE,83NW,82NE 74SE,82SW,83NE, 89SW,68SE,61SE)	Major populations in three caves in Wheeler Reservoir area. Forages over water on insects.
Myotis austroriparius	southeastern myotis	SPCO	C2	(75SW)	Forages over water on insects; no recent information available.
Myotis sodalis	Indiana bat	End	LE	(76NE,82NE)	Probably transient only.
BIRDS					
Falco peregrinus	peregrine falcon	Thr	LE	(83NW)	Feeds primarily on waterfowl and shore-birds. Passes through WNWR during migration.

REFERENCE NO. 36

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: March 16, 1992 March 16, 1992 SITE: Aquadome Landfill
TIME: 14:30 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME James Boyd
TITLE Human Resources Manager
ORGANIZATION 3M Company
ADDRESS Decatur, Alabama
PHONE NO.: (205) 552-6312

GENERAL SUBJECT: Source of drinking water for 3M Company employees

CONVERSATION SUMMARY: The 3M Company employees receive their drinking water from the city of Decatur public water supply.

REFERENCE NO. 37

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: March 16, 1992 March 16, 1992
TIME: 14:20

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Jack Brellenthin
TITLE Environmental Manager
ORGANIZATION TVA - Browns Ferry Nuclear Plant
ADDRESS Athens, Alabama
PHONE NO.: (205) 729-2448

GENERAL SUBJECT: Source of drinking water for TVA - Browns Ferrry Nuclear Plant employees.

CONVERSATION SUMMARY: The TVA - Browns Ferry Nuclear Plant employees receive their drinking water from the city of Athens public water supply.

REFERNCE NO. 38

Deborah Kristiansen

TELEPHONE CONTACT SUMMARY

CALL MADE BY: Deborah Kristiansen
DATE: March 16, 1992 March 16, 1992
TIME: 14:10

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Charles Chen
TITLE Environmental Engineer
ORGANIZATION Monsanto Textile Company
ADDRESS Decatur, Alabama
PHONE NO.: (205) 552-2809

GENERAL SUBJECT: Source of drinking water for Monsanto employees

CONVERSATION SUMMARY:

The Monsanto employees receive their drinking water from the city of Decatur public water supply.

REFERENCE NO. 39

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: March 16, 1992 March 16, 1992
TIME: 16:10

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Cindy Collier
TITLE Environmental Specialist
ORGANIZATION Amoco Chemical Corporation
ADDRESS Decatur, Alabama
PHONE NO. (205) 340-5200

GENERAL SUBJECT: Source of drinking water for Amoco Chemical Corporation employees

CONVERSATION SUMMARY:

The Amoco Chemical Corporation employees receive their drinking water from the city of Decatur public water supply.

REFERENCE NO. 40

EPA

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE: AL | 02 SITE NUMBER: D980842512

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site): AQUA DOME	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER: 1501 5th Ave SW
03 CITY: Decatur	04 STATE: AL; 05 ZIP CODE: 35601; 06 COUNTY: Morgan; 07 COUNTY CODE: 103; 08 CONG DIST: 05
09 COORDINATES LATITUDE: 34 35 30	LONGITUDE: 086 59 30

10 DIRECTIONS TO SITE (Starting from nearest public road): Austinville Rd. & 5th Ave in Decatur - proceed west one block to Aquadome Park.

III. RESPONSIBLE PARTIES

01 OWNER (If known): City of Decatur & Morgan Co.	02 STREET (Business, mailing, residential): P.O. Box 488
03 CITY: Decatur	04 STATE: AL; 05 ZIP CODE: 35602; 06 TELEPHONE NUMBER: (205) 353-5414
07 OPERATOR (If known and different from owner): Same as above	08 STREET (Business, mailing, residential): Sanitation Dept.
09 CITY:	10 STATE: ; 11 ZIP CODE: ; 12 TELEPHONE NUMBER: ( )

13 TYPE OF OWNERSHIP (Check one)
☐ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☑ D. COUNTY ☑ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)
☐ A. RCRA 3001 DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: __/__/__ (MONTH DAY YEAR) ☑ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION
☑ YES DATE __/__/__ (MONTH DAY YEAR)
☐ NO
Solid Waste Div. only

BY (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR ☑ C. STATE ☐ D. OTHER CONTRACTOR
☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER _____ (Specify)
CONTRACTOR NAME(S): _____

02 SITE STATUS (Check one)
☐ A. ACTIVE ☑ B. INACTIVE ☐ C. UNKNOWN

03 YEARS OF OPERATION
BEGINNING YEAR: | ENDING YEAR: ± 1960 ☑ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED: High pH (12.50) in one monitoring well, Barium up to 1.24 mg/l. Dichloroethene & trichloroethene detected in wells & leachate in ditch. Noticeable methane gas in basements of recreation & school buildings on this former dump site.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION: Groundwater and surface water contamination appears to be migrating offsite. Methane gas hazard up to 8% LEL outdoors and 2% LEL in Brookhaven Middle School Building. Young children regularly on the site in school, pool, & recreation areas.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)
☐ A. HIGH (Inspection required promptly) ☑ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect when time available basis) ☐ D. NONE (No further action needed; complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT: Steve Maurer SCW	02 OF (Agency/Organization): ADEM	03 TELEPHONE NUMBER: (205) 271-7728
04 PERSON RESPONSIBLE FOR ASSESSMENT: Paul J. Bierstine, P.E.	05 AGENCY:	06 ORGANIZATION: EPS; 07 TELEPHONE NUMBER: (404) 922-8242; 08 DATE: 9 25 84 (MONTH DAY YEAR)

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842572

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)
- ✓ A SOLID
- B POWDER, FINES
- C. SLUDGE
- D OTHER Land burial (Dump) (Specify)
- E SLURRY
- ✓ F. LIQUID
- ✓ G GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)
- TONS unknown
- CUBIC YARDS
- NO OF DRUMS

03 WASTE CHARACTERISTICS (Check all that apply)
- ✓ A TOXIC
- ✓ B CORROSIVE
- C RADIOACTIVE
- ✓ D PERSISTENT
- ✓ E SOLUBLE
- F INFECTIOUS
- ✓ G FLAMMABLE
- ✓ H IGNITABLE
- ✓ I HIGHLY VOLATILE
- ✓ J EXPLOSIVE
- K. REACTIVE
- L. INCOMPATIBLE
- M NOT APPLICABLE

pass

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS	Unknown		Di-chloro/trichloro ethane in
PSD	PESTICIDES			wells & ditch thru site
OCC	OTHER ORGANIC CHEMICALS	Unknown		Methane gas & possible
IOC	INORGANIC CHEMICALS			isomers
ACD	ACIDS			
BAS	BASES	Unknown		pH 12.5 in M.W. #3 in 1985
MES	HEAVY METALS	"		Barium

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	1,2 Dichloro ethane		Open dump burial	77.1	ug/l
SOL	Trichloro ethene	25323-89-1	Open dump burial	50.6	ug/l
SOL	Tetra chloro ethane		" " "	10.5	ug/l
	Note: above SOL concentrations in ditch water flowing				
	thru site - also present in monitoring wells.				
OCC	Methane (& possible isomers)		Generated in dump	8%	LEL
			(possibly ignitable/explosive)		
BAS	Unknown		In ground water	pH 12.5	s.u.
MES	Barium		In ground water	1.24	mg/l
			(Exceeds Primary Drinking Water Standards)		

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

- ADEM Solid Waste Files & Staff Communications
- Telecon w/ Harold Smith, Decatur Sanitation Dept.

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: AL | 02 SITE NUMBER: D980842512

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☑ A. GROUNDWATER CONTAMINATION — 02 ☑ OBSERVED (DATE: 1981-83) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
Chlorinated hydrocarbons & barium in monitoring wells around site.

01 ☑ B. SURFACE WATER CONTAMINATION — 02 ☑ OBSERVED (DATE: 1981) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
Chlorinated hydrocarbons in ditch water running thru site

01 ☑ C. CONTAMINATION OF AIR — 02 ☑ OBSERVED (DATE: 1983) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
Methane gas accumulating in basement of school & possibly recreation buildings. Higher levels outdoors on east edge of dump site.

01 ☑ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE:) ☑ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
Methane gas potentially ignitable/explosive at levels detected outdoors.

01 ☑ E. DIRECT CONTACT — 02 ☑ OBSERVED (DATE: 1981-83) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
School children have been observed playing in ditch. School building & recreational facilities built on top of this former open dump site.

01 ☑ F. CONTAMINATION OF SOIL — 02 ☐ OBSERVED (DATE:) ☑ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: unknown (Acres)
04 NARRATIVE DESCRIPTION
From leaching/runoff

01 ☐ G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
Unknown. Decatur uses Tenn. river water. May be water wells in area. Check during site inspection.

01 ☐ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:
04 NARRATIVE DESCRIPTION
Unknown

EPA FORM 2070-12 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: AL | 02 SITE NUMBER: D980842512

II. HAZARDOUS CONDITIONS AND INCIDENTS *(Continued)*

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION *(Include name(s) of species)*

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES *(Spills/runoff/standing liquids/leaking drums)* — 02 ☒ OBSERVED (DATE: 1981) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: unknown
04 NARRATIVE DESCRIPTION
Chlorinated hydrocarbons in ditch water leaching from site. In the middle of a school/rec. area play yard.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Open dump site closed in 1950-60's.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
Same contaminants @ this site as @ the 3M Decatur plant, ALD004023164 — they may have been a contributor of dichloro/trichloroethane to this site also.

III. TOTAL POPULATION POTENTIALLY AFFECTED: Daytime Student population

IV. COMMENTS
This is an old uncontrolled dump site. School & recreational facilities located on the 1 square block area of dump site. School age children potentially exposed (to ditch) and air contamination from volatile emissions.

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*
ADEM Files & Communications

EPA FORM 2070-12 (7-81)

REFERENCE NO. 41

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen
DATE: December 12,1991 December 12, 1991
TIME: 16:45

REGION: IV
SITE: Aquadome Landfill
CERCLIS: ALD980842512

PERSON CONTACTED: NAME Teresa Stewart
TITLE Secretary to David Nelson, Director of Environmental Health
ORGANIZATION Alabama Department of Public Health
ADDRESS Decatur, Alabama

GENERAL SUBJECT: Activities allowed in Wheeler Reservoir and Dry Branch in the Decatur, Alabama area.

CONVERSATION SUMMARY: Fishing, boating, and swimming all take place in Wheeler Reservoir in the area of Decatur, Alabama. Decatur has a boat marina near the Highway 31 Bridge on the Limestone County side of Wheeler Reservoir. As far as she knows, fishing is not prohibited in Dry Branch.

REFERENCE NO. 42

TELEPHONE CONTACT SUMMARY

Deborah Kristiansen

CALL MADE BY: Deborah Kristiansen REGION: IV
DATE: December 12, 1991 December 12, 1991 SITE: Aquadome Landfill
TIME: 16:45 CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Doug Darr
TITLE District I Fishery Biologist
PHONE NO. (205) 353-2634
ORGANIZATION Alabama Game and Fish Division
Alabama Department of Conservation
ADDRESS Tanner, Alabama

GENERAL SUBJECT: Endangered or threatened fish and critical habitats on the Tennessee River from Decatur, Alabama, downstream to the Lauderdale County line (river mile 303 to 285).

CONVERSATION SUMMARY: For the area described above, the following species are present.

Federally Listed Threatened
Slackwater darter (Etheostoma boschungi) - Swan Creek and other tributaries of Limestone County

State Designated Critical Habitat
Spring pygmy sunfish (Elassoma sp.) - Limestone County tributaries of the Tennessee River

Doug Darr gave me the phone number of Don Wade for mussel information (205) 386-2068. He suggested calling Pat O'Neil at the Alabama Geological Survey (205) 349-2852, in Tuscaloosa, Alabama, for species other than fish or mussels. Doug Darr also sited the above information as coming from the Journal of Alabama Academy of Science, Volume 61, #2, April 1990.

REFERENCE NO. 43

TELPHONE CONTACT SUMMARY

CALL MADE BY: Deborah Kristiansen Deborah Kristiansen
DATE: December 13, 1991 12/13/91
TIME: 10:35

REGION: IV
SITE: Aquadome Landfill
CERCLIS NO.: ALD980842512

PERSON CONTACTED: NAME Don Wade
TITLE Senior Toxicologist
PHONE NO. (205) 386-2068
ORGANIZATION Tennessee Valley Authority (TVA) Water Resources
ADDRESS Mussels Shoals, Alabama

GENERAL SUBJECT: Mussels in Wheeler Lake (a reservoir of the Tennessee River) downstream of Highway 31 bridge, Decatur, Alabama.

CONVERSATION SUMMARY: Mr. Wade said that mussels are probably not found in Wheeler Lake because this part of the lake (or reservoir) contains a lot of silt and mussels cannot live in silty waters. He stated that mussels thrive in areas where there are gravel bottoms. He also noted that mussel fishermen have noticed the disappearance of mussels from this part of the river since it was dammed to create a reservoir.

Mr. Wade will send me a copy of a recent report completed by the TVA which may be helpful.

U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION IV, ATHENS, GEORGIA

DATE: AUG 24 1987

SUBJECT: Aquadome Site, Decatur, Alabama, Site Inspection Report

FROM: Barbara Hansen Benoy BHB
Hazardous Waste Section

SEP 01 REC'D

TO: Ray Strickland
Site Control Unit
Emergency Response and Control Section
Superfund Branch

THRU: M. D. Lair, Chief
Hazardous Waste Section
Environmental Compliance Branch
Environmental Services Division

MD Lair

Please find the final site inspection report on the Aquadome Site enclosed. This submittal should complete all requirements of ESD Project No. 87-069. Please contact me if you have any questions regarding this submittal.

Attachment

cc: Lair/Mundrick

SITE INSPECTION
AQUADOME SITE
DECATUR, ALABAMA
ESD Project No. 87-069

INTRODUCTION

During the week of December 10, 1986, a site inspection was conducted at the Aquadome Site in Decatur, Alabama. The field crew consisted of Barbara Hansen Benoy, Pat Boyle, and Keith Bellville of the U.S. Environmental Protection Agency (EPA), Environmental Services Division (ESD), Hazardous Waste Section (HWS). The study was requested by Ray Strickland of the Emergency Response Branch, US-EPA Atlanta Regional Office. Ray Strickland accompanied the field crew on site during part of the study.

SITE DESCRIPTION AND HISTORY

The Aquadome Site is located in Decatur, Morgan County, Alabama as shown in Figure 1. The site is approximately 40 acres in size and was operated formerly as a landfill. Brookhaven Middle School and Aquadome Park now occupy the property. Figure 2 displays the current structures on site. Surface drainage and water from a spring flow through a ditch located in the center of the site in an easterly direction into Dry Branch Creek and eventually drain into the Tennessee River. The ditch is partially lined with concrete and is vegetated with grass along the slopes. Erosion has exposed rubbish at places along the ditch; leachate points were observed at four distinct locations either by percolating water or discolored soil. There are many depressed areas throughout the site where settling of the landfill has occurred.

The landfill was owned and operated by the City of Decatur for approximately 20 years. The operation was closed in 1964; there is no indication that a cap was installed. In 1969, Brookhaven Middle School was under construction and a methane gas monitoring system was installed in the school basement. A ground water monitoring system was established with the placement of 4 monitor wells, (locations are shown in Figure 3). The ground water and surface water are tested periodically by the State of Alabama Health Department.

The Region IV Field Investigation Team (NUS Corporation), conducted a site sampling investigation during the week of April 22, 1985. FIT reported high levels of copper, nickel, lead, and zinc throughout the site. Several soil/sediment samples were characterized as containing toluene, bis(2-ethylhexyl)phthalate, dieldrin, and chlordane. Toluene was the only organic compound detected in ground water samples. Di-, tri-, and tetra-chloroethenes were frequently identified in surface water and leachate samples.

OBJECTIVES

The Hazardous Waste Section was requested to resample the surface drainage system and the ground water monitoring system. The primary objective was to determine if a direct contact hazard exists at the school or park since the

Aquadome Site is highly populated at times; a secondary objective was to determine if ground water contamination exists. Ground water is not used for potable water in the vicinity of the site.

SAMPLING LOCATIONS

A total of 15 environmental samples were collected. Four samples were obtained from the existing ground water monitoring system; monitor wells are coded MW-1 through MW-4. The remaining 11 samples were collected along the surface water drainage system that flows through the site. Both upstream and downstream water and sediment samples were obtained; one spring water sample was collected from the eastern portion of the drainage. This spring is routed through a pipe and discharges into the drainage ditch. The origin of the spring is not known. Four leachate points were identified; two were sampled for water and sediment, and two were sampled for sediment only. Sample codes and descriptions are provided in Table 1 and are depicted on Figure 3.

SUMMARY OF ANALYTICAL RESULTS

Much of the contamination present was detected in sediment or surface water samples, including the spring sample, upstream from the site. This is especially true of pesticides. Though some of the organic contamination was detected only in sediment samples collected from leachate points, the majority of the surface water (and corresponding sediment) contamination cannot be attributed solely to the Aquadome Site. However, there is also evidence that high levels of copper have leached from the fill, as the metals data indicate. Evidence of contamination of the drainage ditch exists, both for water and sediment. The drainage ditch is presently readily accessible.

Analyses of the ground water samples indicated low levels of organic contamination; all concentration values were qualified as estimates and/or presumptive evidence of material. Low levels of chromium and nickel were identified in ground water; trace levels of cyanide were also detected. These above mentioned inorganic compounds were either not detected elsewhere at the site, or did not appear in significant concentrations to establish patterns of contamination.

ANALYTICAL RESULTS

Ground Water Samples

Four onsite monitor wells were sampled, the locations of which are shown on Figure 3. The analytical data generated on ground water samples are provided in Tables 2 and 3. The results of the inorganic analysis identified the presence of eleven metals in all 4 ground water samples. These metals and the ranges of concentrations (in ug/l) are tabulated below.

Barium	130	-	410
Strontium	61	-	690
Titanium	51	-	240
Vanadium	12	-	52
Zinc	25	-	440
Aluminum	5300	-	26,000
Manganese	1200	-	6400
Calcium	22,000	-	220,000
Magnesium	6800	-	15,000
Iron	20,000	-	120,000

Chromium and yttrium were detected in 3 of the monitor wells, MW-1, MW-2, and MW-3; the concentrations ranged from 10 to 42 ug/l and 13 to 43 ug/l, respectively.

Cobalt was detected in monitor well MW-2; the concentration was estimated at 40 ug/l. Nickel was identified in MW-3 at a concentration of 22 ug/l. Cyanide was detected in one ground water sample, MW-1, at a concentration of 300 ug/l. For consistency, all inorganic data concentrations for water samples are presented in ug/l in the text of this report; laboratory report sheets and tables present some concentrations in mg/l.

Vinyl chloride, and cis- and trans-1,2-dichloroethene were detected in well MW4. Chlorobenzene was detected in well MW-2; isopropyl ether was identified in well MW-3. All concentrations were reported as estimates on the data report sheet. No volatile organic compounds were detected in the ground water sample collected from well MW-1.

Eight extractable compounds were identified. Caprolactam was detectec in wells MW-1, MW-3, and MW-4 and ranged in concentration from 2 to 30 ug/l; butoxyethanol was detected in wells MW-1 (2ug/l) MW-3 (1 ug/l); ethylmethylbenzenesulfonamide was identified in both wells MW-2 and MW-3; concentrations were 3 and 5 ug/l respectively. Three additional compounds were detected in well MW-2; these were benzothiazolone, cyclohexyl-methylbenzenesulfonamide and tri(butoxyethanol)phosphate. Methylheptadecanoic acid, methyl ester was detected in well MW-3. Unidentified extractable compounds that were detected in ground water samples are indicated in Table 2.

Surface Water Samples

The surface water that flows through the site was sampled at five locations along the flow pattern. All sample locations are shown on Figure 3; analytical data are provided in Tables 2 and 3. Five metals were detected in each of the surface water samples; these metals and the corresponding concentration ranges (in ug/l) are tabulated below.

Barium	34	-	72
Strontium	42	-	110
Manganese	34	-	140
Calcium	21,000	-	65,000
Magnesium	2100	-	3400

The following metals were found in all surface water samples except for the sample collected from the spring, sample SW, that empties into the drainage ditch on the west portion on the site.

Zinc	22	-	120
Aluminum	210	-	8400
Iron	280	-	6900

Titanium and vanadium were identified in leachate number 3 and number 4 water samples; coded L3W and L4W respectively. Sodium was detected in all samples except leachate number 3; concentrations ranged from 3800 to 8600 ug/l. Copper was found present at 260 ug/l in leachate number 3.

All organic compounds detected in both upstream and downstream samples were found at higher concentrations in the sample collected from the upstream location. Results of the organic analyses for water samples are presented in Table 2. Specific discussion of results is presented below.

Nine volatile organic compounds were detected in the surface water samples. Chloroform was detected in the upstream and downstream water samples and in the spring water samples; concentrations were reported as estimates. Benzene, toluene, and xylenes were identified in both the upstream and downstream water samples; concentrations were reported as estimates. Ethyl benzene was found present only in the upstream water samples. The remaining two compounds reported, vinyl chloride and carbon disulfide, were found only in the downstream water sample. No volatile organic compounds were detected in either of the leachate water samples.

Three extractable organic compounds were detected in the surface water samples. Butoxyethanol was detected in both upstream and downstream water samples and from the spring water samples. Benzothiazolone was identified in the upstream and downstream water samples the upstream and downstream water samples. Bis(2-ethylhexyl)phthalate was detected in leachate number 3, sample code L3W.

Three pesticide compounds were present in surface water samples. Dieldrin was detected in the upstream and downstream water samples and in the spring water samples; concentrations ranged from 0.057 to 0.094 ug/l. Heptachlor epoxide was found present in both the spring water and in the downstream water samples. 1-Hydroxychlordene was identified in the downstream water samples only. No pesticides were detected from water samples collected at leachate points.

Sediment Samples

Six sediment samples were collected from the drainage ditch area. These included upstream and downstream sediments, and four separate leachate sediments. Analytical data are provided in Tables 4 and 5. The results of the inorganic analysis identified ten metals in all sediment samples; these are presented below with concentration ranges in mg/kg.

Chromium	8.4	-	240
Copper	20.0	-	93,000
Lead	14.0	-	550
Titanium	28.0	-	100
Zinc	41.0	-	7900
Aluminum	870.0	-	40,000
Manganese	49.0	-	560
Calcium	1500.0	-	160,000
Magnesium	320.0	-	9600
Iron	5600.0	-	52,000

Barium and nickel were found in all sediment samples except the downstream sediment; concentrations ranged from 30 to 840 ug/kg, and 6.0 to 380 ug/kg, respectively. Strontium and vanadium were detected in all sediment samples except the sediment from leachate number 3. Concentrations ranged from 4.4 to 160 ug/kg, and 9.0 to 52 ug/kg respectively.

Yttrium was detected at 4 locations: leachate number 1, (sample L1), leachate number 2, (sample L2), leachate number 4, (sample L4), and in the upstream sediment, (sample UDS). Cyanide was identified in both upstream and downstream sediments, and in leachate samples numbers 1 and 3, coded L1 and L3, respectively

Cyanide and most of the detected metals were reported at highest concentrations in sample L3 which was collected from leachate point number 3. In comparing upstream concentrations to downstream concentrations, the majority of inorganic constituents were found at higher concentrations in the upstream samples. The exceptions were copper, strontium, calcium, and magnesium.

The results of the volatile organic analysis revealed the presence of ethyl benzene, toluene, and xylene in the upstream sediment sample. Ethyl benzene was not detected in any other sediment. Toluene was also detected in L1 and in L3 ; xylene was identified in L3. Additional volatile compounds detected in L3 were bromodichloromethane, acetone and some unidentified alkylhydrocarbons. 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene and tetrachloroethene were detected only in sediment sample L1. Leachate number 2 was determined to contain some unidentified alkylhydrocarbons but no specific compounds were reported. No volatile organic compounds were detected in either the downstream sediment sample or in the sediment collected from leachate point number 4.

Hexadecanoic acid was detected in all sediment samples by the extractable organic analysis. Ten additional compounds were identified in the upstream sediment; these are phenanthrene, fluoranthene, pyrene, benzo(A)anthracene, chrysene, benzo(B and/or K)fluoranthene, benzo-A-pyrene, tetradecanoic acid, octadecanoic acid, and methyl fluoranthene. Octadecanoic acid was also identified in sediments collected from leachate points numbers 1, 2, and 3, sample codes L1, L2, and L3; tetradecanoic acid was detected in leachate

sediment samples L2 and L3. Both leachate number 2 and leachate number 3 contained differing isomers of alkylbenzenes. C3 alkyl-naphthalene was detected in L3. Naphthalene was present in L2; bis(2-ethyl-hexyl)-phthalate was identified in L1.

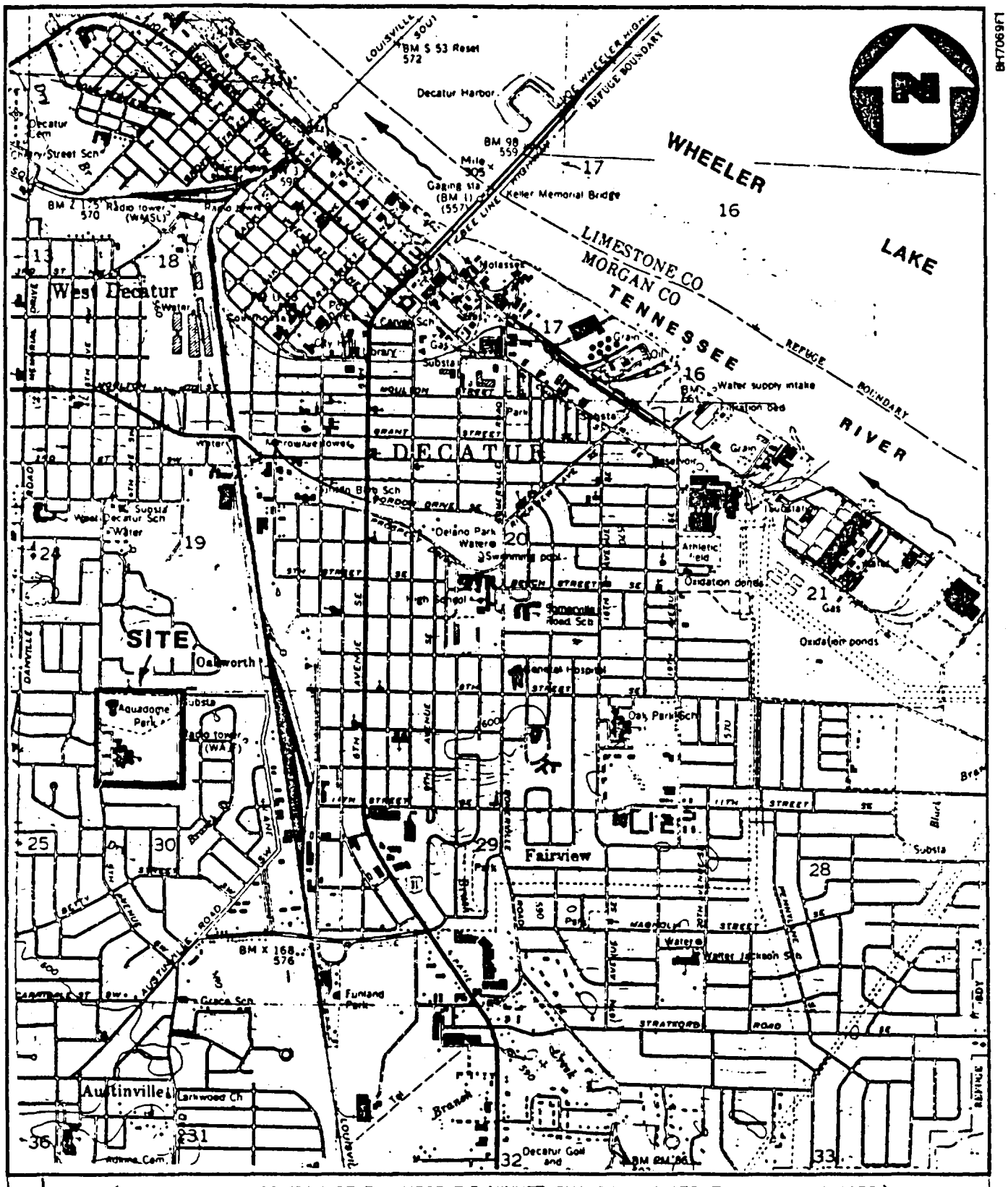
The results of the pesticides analysis determined the presence of eleven pesticides in sediment samples with a majority being determined in both the upstream and downstream locations. Those pesticides determined in both upstream and downstream sediment samples are presented with concentration ranges (in ug/kg) below.

Heptachlor epoxide	6.6J	-	16
Dieldrin	16.	-	40
4,4'-DDD	5.8	-	13
Gamma-chlordane	176.	-	59
Alpha-chlordane	9.4	-	36

With the exception of DDD, the greater concentrations were present in the sediment sample collected from the upstream location, UDS. Three pesticides were detected solely in UDS; these were 4,4'-DDT, 4,4'-DDE, and cis-nonachlor. Pesticides found solely in DS, the downstream sediment, were alpha-BHC, beta-BHC, and delta-BHC. Only one leachate location indicated the presence of pesticides; leachate number 1 contained both heptachlor epoxide and 4,4'-DDE.

METHODOLOGY

All aspects of this study were performed in accordance with the Engineering Support Branch Standard Operating Procedures and Quality Assurance Manual, April 1, 1986. All sample analysis was conducted using EPA standard methods and in accordance with the Analytical Support Branch Operations and Quality Control Manual, June 1985.



(BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE DECATUR, ALABAMA 1975.)

0' 1182' 2364'

FIGURE 1
SITE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA

EPA

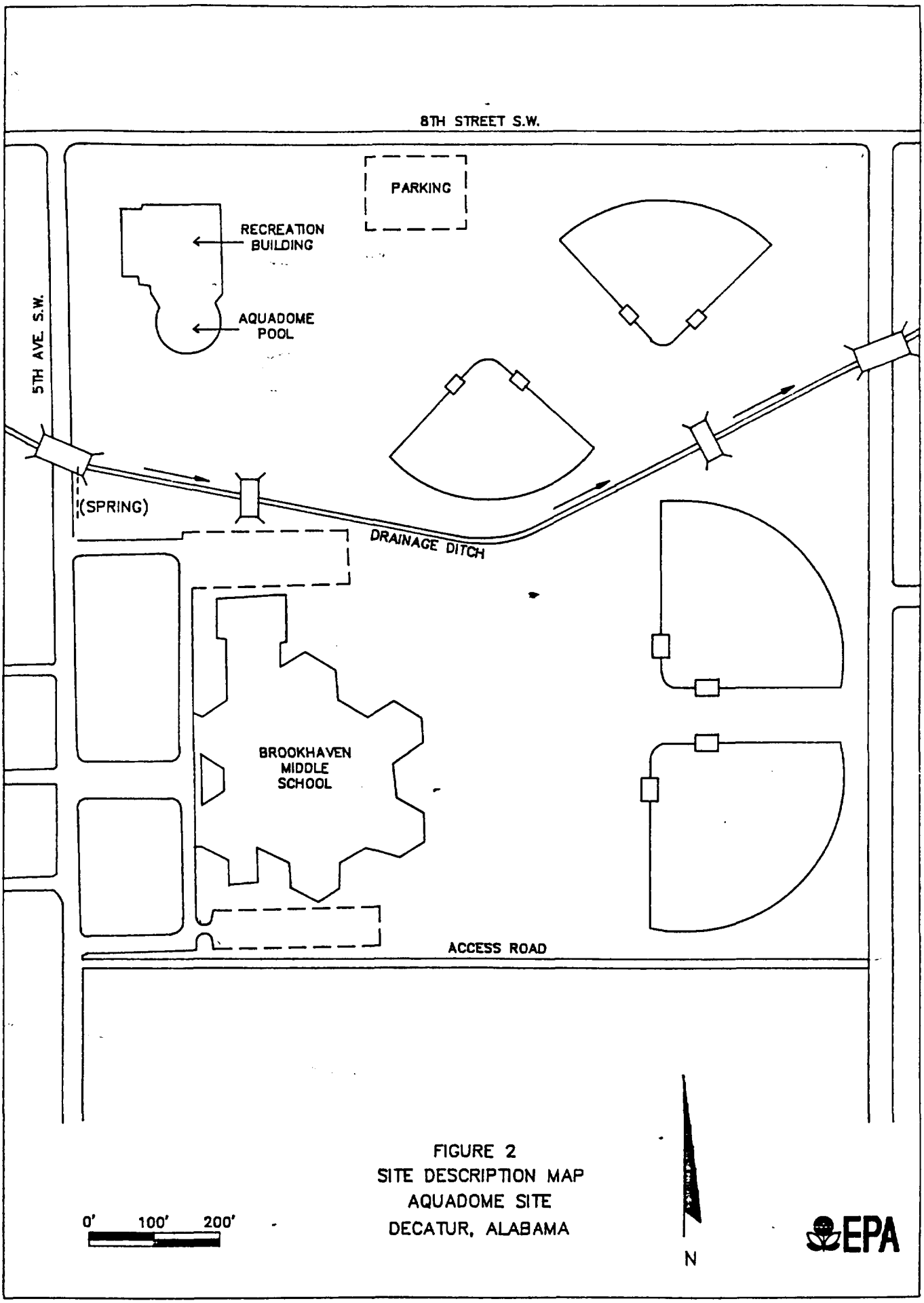


FIGURE 2
SITE DESCRIPTION MAP
AQUADOME SITE
DECATUR, ALABAMA

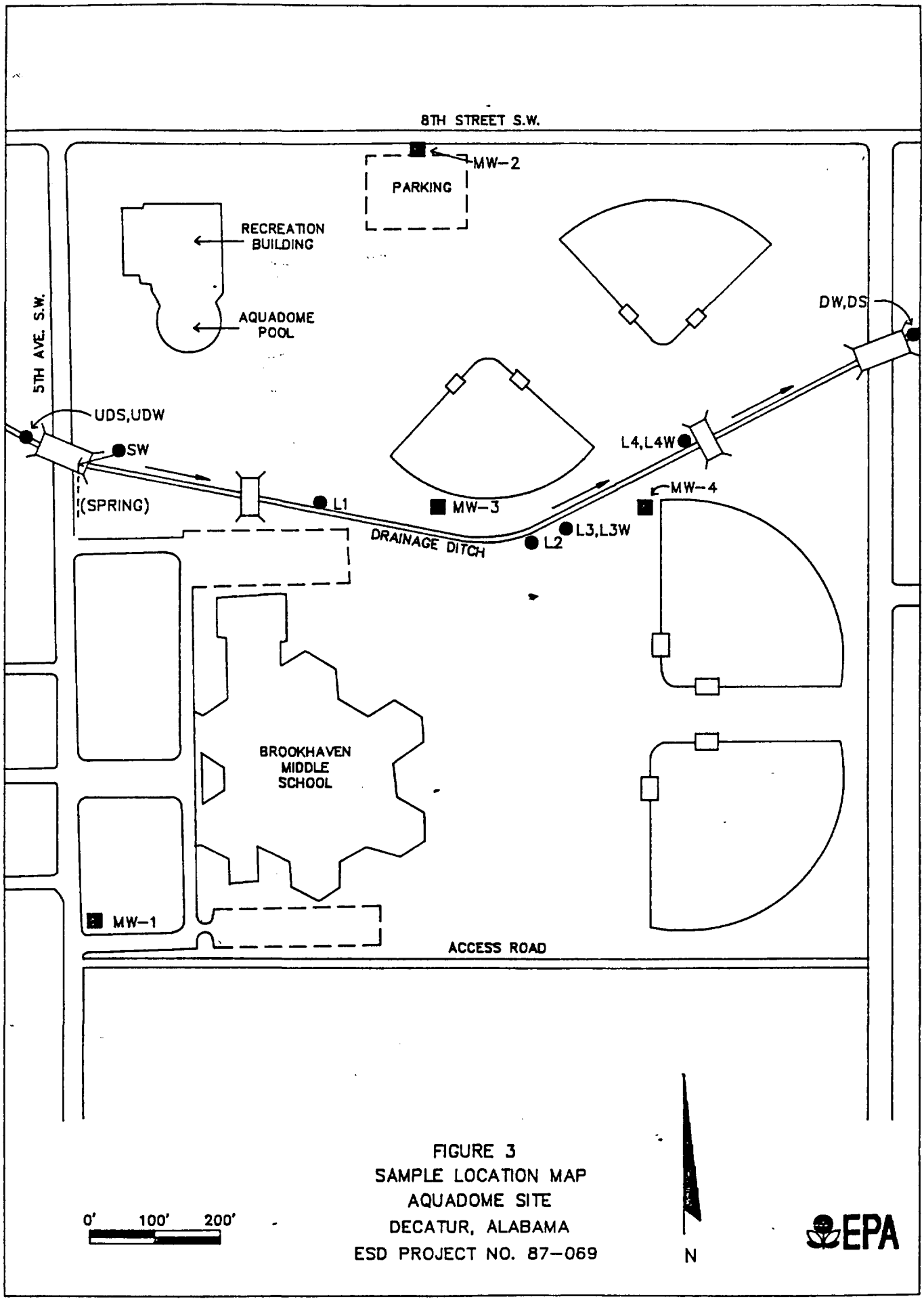


FIGURE 3
SAMPLE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA
ESD PROJECT NO. 87-069

BH7069

Table 1
Aquadome Site
Decatur, Alabama
Sample Codes and Descriptions

UDW (water) UDS (sediment)	Upstream water and sediment samples collected west of the site prior to drainage flowing into the Aquadome Site.
SW (water)	Spring water sample collected from pipe at western-most portion of drainage ditch, where spring empties into drainage ditch. Sample collected contained spring water only. origin of the spring is unknown.
L1 (sediment)	Sediment sample collected from leachate point number 1. This point was located approximately 380 feet east of 5th Ave. on the bank of the drainage ditch.
L2 (sediment)	Sediment sample collected from leachate point number 2. This point was located approximately 320 feet downstream from leachate point number 1.
L3 (sediment) L3W (water)	Sediment and water samples collected from leachate point number 3 which was located approximately 50 feet downstream from leachate point number 2.
L4 (sediment) L4W (water)	Sediment and water samples collected from leachate point number 4. This point was located approximately 220 feet downstream of leachate point number 3.
DW (water) DS (sediment)	Downstream water and sediment samples collected east and just downstream from the site.

Table 1 (cont)
Aquadome Site
Decatur, Alabama
Sample Codes and Descriptions

MW1 (water)	Ground water samples collected from monitor well number 1. This well is located in the southwest corner of the site.
MW2 (water)	Ground water sample collected from monitor well number 2. This well is located approximately center of the northern most section of the site.
MW3 (water)	Ground water sample collected from monitor well number 3 which is located approximately in the center of the site north of the drainage ditch.
MW4 (water)	Ground water sample collected from monitor well number 4. Monitor well number 4 is located approximately 300 feet east of monitor well number 3 and is south of the drainage ditch.

TABLE 2
AQUADOME SITE
DECATUR, ALABAMA
ORGANIC ANALYSES
WATER SAMPLES

	UDW	SW	DW	L3W	L4W	MW1	MW2	MW3	MW4
SELECTED CHLORINATED COMPOUNDS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
HEPTACHLOR EPOXIDE	--	0.073	0.032A	--	--	--	--	--	--
ENDOSULFAN I (ALPHA)	--	--	--	--	--	0.045M	--	--	--
DIELDRIN	0.060	0.094	0.057A	--	--	--	--	--	--
1-HYDROXYCHLORDENE /2	--	--	0.070A	--	--	--	--	--	--
EXTRACTABLE ORGANIC COMPOUNDS									
BIS(2-ETHYLHEXYL) PHTHALATE	--	--	--	19	--	--	--	--	--
CAFFEINE	8JM	--	3JM	--	--	--	--	--	--
BENZOTHIAZOLONE	--	--	--	--	--	--	3JM	--	--
CYCLOHEXYLMETHYLBENZENESULFONAMIDE	--	--	--	--	--	--	2JM	--	--
TRI(BUTOXYETHANOL)PHOSPHATE	--	--	--	--	--	--	2JM	--	--
2 UNIDENTIFIED COMPOUNDS	--	--	--	--	--	--	50J	--	--
BUTOXYETHANOL	2JM	3JM	1JM	--	--	2JM	--	1JM	--
ETHYLMETHYLBENZENESULFONAMIDE	--	--	--	--	--	--	3JM	5JM	--
METHYLHEPTADECANOIC ACID,METHYL ESTER	--	--	--	--	--	--	--	8JM	--
CAPROLACTAM	--	--	--	--	--	2JM	--	30JM	20JM
1 UNIDENTIFIED COMPOUND	--	--	--	--	--	--	--	--	20J
PURGEABLE ORGANIC COMPOUNDS									
VINYL CHLORIDE	--	--	3.3J	--	--	--	--	--	3.2J
TRANS-1,2-DICHLOROETHENE	--	--	--	--	--	--	--	--	0.6J
CHLOROFORM	2J	1.8J	1.5J	--	--	--	--	--	--
TRICHLOROETHENE(TRICHLOROETHYLENE)	--	0.5J	13	--	--	--	--	--	--
BENZENE	23	--	8.1	--	--	--	--	--	--
TETRACHLOROETHENE(TETRACHLOROETHYLENE)	--	19	4.6J	--	--	--	--	--	--
TOLUENE	32	--	9.1	--	--	--	--	--	--
CHLOROBENZENE	--	--	--	--	--	--	0.8J	--	--
ETHYL BENZENE	3.4J	--	--	--	--	--	--	--	--
TOTAL XYLENES	21	--	5	--	--	--	--	--	--
ISOPROPYLETHER	--	--	--	--	--	--	--	7JM	--
CARBON DISULFIDE	--	--	99	--	--	--	--	--	--
CIS 1,2 DICHLOROETHENE	--	--	--	--	--	--	--	--	4JM

****

FOOTNOTES

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

TABLE 3
AQUADOME SITE
DECATUR, ALABAMA
INORGANIC ANALYSES
WATER SAMPLES

INORGANIC ELEMENT/COMPOUND	UDW	SW	DW	L3W	L4W	MW1	MW2	MW3	MW4
	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
BARIUM	36	34	46	72	53	410	200	190	130
COBALT	--	--	--	--	--	--	40J	--	--
CHROMIUM	--	--	--	--	--	16	10	42	--
COPPER	--	--	--	260	--	--	--	--	--
NICKEL	--	--	--	--	--	--	--	22	--
STRONTIUM	90	100	110	42	50	140	61	510	690
TITANIUM	--	--	--	100	68	62	77	240	51
VANADIUM	--	--	--	16	12	12	16	52	12
YTTRIUM	--	--	--	--	--	13	24	43	--
ZINC	37	--	22	120	42	55	440	130	25
ALUMINUM	320	--	210	8400	5300	8700	5300	26000	5500
MANGANESE	98	34	120	100	140	4000	6400	1500	1200
	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
CALCIUM	52	65	55	21	20	81	22	140	220
MAGNESIUM	2.8	2.9	3.4	2.7	2.1	9.6	6.8	7.2	15
IRON	0.28	--	0.45	6.9	6.3	3.7	42	17	3.2
SODIUM	8.6	3.8	7.3	--	3.9	20	32	120	90
CYANIDE	--	--	--	--	--	0.003	--	--	--

****

FOOTNOTES

NA - NOT ANALYZED
J - ESTIMATED VALUE
-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

TABLE 4
AQUADOME SITE
DECATUR, ALABAMA
ORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES

	L1	L2	L3	L4	DS	UDS
SELECTED CHLORINATED COMPOUNDS	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
HEPTACHLOR EPOXIDE	5.8	--	--	--	6.6J	16
ALPHA-BHC	--	--	--	--	5.4	--
BETA-BHC	--	--	--	--	18	--
DELTA-BHC	--	--	--	--	54	--
DIELDRIN	--	--	--	--	16	40
4,4'-DDT (P,P'-DDT)	--	--	--	--	--	6.9J
4,4'-DDE (P,P'-DDE)	6.2	--	--	--	--	13
4,4'-DDD (P,P'-DDD)	--	--	--	--	13	5.8
GAMMA-CHLORDANE /2	NA	NA	NA	NA	16	59
ALPHA-CHLORDANE /2	NA	NA	NA	NA	9.4	36
CIS-NONACHLOR /2	NA	NA	NA	NA	--	7.3
EXTRACTABLE ORGANIC COMPOUNDS						
NAPHTHALENE	--	2500J	--	--	--	--
PHENANTHRENE	--	--	--	--	--	280J
FLUORANTHENE	--	--	--	--	--	760J
PYRENE	--	--	--	--	--	650J
BIS(2-ETHYLHEXYL) PHTHALATE	8900	--	--	--	--	--
BENZO(A)ANTHRACENE	--	--	--	--	--	280J
CHRYSENE	--	--	--	--	--	490J
BENZO(B AND/OR K)FLUORANTHENE	--	--	--	--	--	410J
BENZO-A-PYRENE	--	--	--	--	--	340J
C3 ALKYLBENZENE (3 ISOMERS)	--	30000JN	--	--	--	--
C4 ALKYLBENZENE (7 ISOMERS)	--	70000JN	--	--	--	--
C5 ALKYLBENZENE (2 ISOMERS)	--	10000JN	--	--	--	--
C4 ALKYLBENZENE (3 ISOMERS)	--	--	10000JN	--	--	--
C3 ALKYLNAPHTHALENE	--	--	5000JN	--	--	--
ETHYLIDENEBIS(C2 ALKYLBENZENE)	--	--	--	--	400JN	--
TETRADECANOIC ACID	--	3000JN	30000JN	--	--	400JN
HEXADECANOIC ACID	800JN	50000JN	300000JN	200JN	300JN	2000JN
OCTADECANOIC ACID	300JN	10000JN	60000JN	--	--	1000JN
METHYLFLUORANTHENE	--	--	--	--	--	300JN
PETROLEUM PRODUCT	--	N	N	--	N	N
PURGEABLE ORGANIC COMPOUNDS						
1,1-DICHLOROETHANE	2.5J	--	--	--	--	--
1,1,1-TRICHLOROETHANE	19	--	--	--	--	--
BROMODICHLOROMETHANE	--	--	3.6J	--	--	--
TRICHLOROETHENE(TRICHLOROETHYLENE)	4J	--	--	--	--	--
TETRACHLOROETHENE(TETRACHLOROETHYLENE)	2.3J	--	--	--	--	--
TOLUENE	6.6J	--	33J	--	--	23
ETHYL BENZENE	--	--	--	--	--	2.1J
TOTAL XYLENES	--	--	33J	--	--	18
TOTAL UNIDENTIFIED ALKYLHYDROCARBONS	--	70000J	2000J	--	--	--
ACETONE	--	--	680J	--	--	--

****

FOOTNOTES

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

TABLE 5
AQUADOME SITE
DECATUR, ALABAMA
INORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES

INORGANIC ELEMENT/COMPOUND	L1	L2	L3	L4	DS	UDS
	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BARIUM	45	30	840	94	--	72
CHROMIUM	33	8.4	240	53	19	34
COPPER	20	480	93000	60	36	21
NICKEL	7.2	6.0	380	8.1	--	8.7
LEAD	86	14	550	46	21	280
STRONTIUM	66	4.4	--	20	160	77
TITANIUM	100	100	260	36	28	93
VANADIUM	42	9.0	--	52	14	38
YTTRIUM	9.0	3.2	--	4.8	--	9.0
ZINC	370	89	7900	79	41	210
ALUMINUM	14000	4200	40000	28000	870	12000
MANGANESE	450	49	520	74	110	560
CALCIUM	52000	1500	21000	4200	160000	66000
MAGNESIUM	1700	320	9600	1100	3100	2100
IRON	20000	5600	52000	22000	9600	18000
CYANIDE	0.82	--	0.83	--	0.39J	0.82

****

FOOTNOTES

J - ESTIMATED VALUE

-- - MATERIAL WAS ANALYZED FOR BUT NOT DETECTED

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
3.1U	UG/KG	ALDRIN
3.8U	UG/KG	HEPTACHLOR
16	UG/KG	HEPTACHLOR EPOXIDE
1.4U	UG/KG	ALPHA-BHC
7.6U	UG/KG	BETA-BHC
1.8U	UG/KG	GAMMA-BHC (LINDANE)
4.9U	UG/KG	DELTA-BHC
19U	UG/KG	ENDOSULFAN I (ALPHA)
40	UG/KG	DIELDRIN
6.9J	UG/KG	4,4'-DDT (P,P'-DDT)
13	UG/KG	4,4'-DDE (P,P'-DDE)
5.8	UG/KG	4,4'-DDD (P,P'-DDD)
13U	UG/KG	ENDRIN
12U	UG/KG	ENDOSULFAN II (BETA)
30U	UG/KG	ENDOSULFAN SULFATE
--	UG/KG	CHLORDANE (TECH. MIXTURE) /1
50U	UG/KG	PCB-1242 (AROCLOR 1242)
240U	UG/KG	PCB-1254 (AROCLOR 1254)
50U	UG/KG	PCB-1221 (AROCLOR 1221)
50U	UG/KG	PCB-1232 (AROCLOR 1232)
50U	UG/KG	PCB-1248 (AROCLOR 1248)
240U	UG/KG	PCB-1260 (AROCLOR 1260)
50U	UG/KG	PCB-1016 (AROCLOR 1016)
360U	UG/KG	TOXAPHENE
6.1U	UG/KG	CHLORDENE /2
6.1U	UG/KG	ALPHA-CHLORDENE /2
8.4U	UG/KG	BETA CHLORDENE /2
9.1U	UG/KG	GAMMA-CHLORDENE /2
13U	UG/KG	1-HYDROXYCHLORDENE /2
59	UG/KG	GAMMA-CHLORDANE /2
35U	UG/KG	TRANS-NONACHLOR /2
36	UG/KG	ALPHA-CHLORDANE /2
7.3	UG/KG	CIS-NONACHLOR /2
34U	UG/KG	METHOXYCHLOR
52U	UG/KG	ENDRIN KETONE
47	%	MOISTURE

****

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

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D8 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
14U	UG/KG	ALDRIN
14U	UG/KG	HEPTACHLOR
8.6J	UG/KG	HEPTACHLOR EPOXIDE
5.4	UG/KG	ALPHA-BHC
18	UG/KG	BETA-BHC
8.0U	UG/KG	GAMMA-BHC (LINDANE)
54	UG/KG	DELTA-BHC
5.0U	UG/KG	ENDOSULFAN I (ALPHA)
16	UG/KG	DIELDRIN
11U	UG/KG	4,4'-DDT (P,P'-DDT)
7.3U	UG/KG	4,4'-DDE (P,P'-DDE)
13	UG/KG	4,4'-DDD (P,P'-DDD)
6.0U	UG/KG	ENDRIN
12U	UG/KG	ENDOSULFAN II (BETA)
17U	UG/KG	ENDOSULFAN SULFATE
--	UG/KG	CHLORDANE (TECH. MIXTURE) /1
120U	UG/KG	PCB-1242 (AROCLOR 1242)
66U	UG/KG	PCB-1254 (AROCLOR 1254)
120U	UG/KG	PCB-1221 (AROCLOR 1221)
120U	UG/KG	PCB-1232 (AROCLOR 1232)
120U	UG/KG	PCB-1248 (AROCLOR 1248)
66U	UG/KG	PCB-1260 (AROCLOR 1260)
120U	UG/KG	PCB-1016 (AROCLOR 1016)
260U	UG/KG	TOXAPHENE
6.6U	UG/KG	CHLORDENE /2
26U	UG/KG	ALPHA-CHLORDENE /2
12U	UG/KG	BETA CHLORDENE /2
13U	UG/KG	GAMMA-CHLORDENE /2
13U	UG/KG	1-HYDROXYCHLORDENE /2
16	UG/KG	GAMMA-CHLORDANE /2
11U	UG/KG	TRANS-NONACHLOR /2
9.4	UG/KG	ALPHA-CHLORDANE /2
5.5U	UG/KG	CIS-NONACHLOR /2
20U	UG/KG	METHOXYCHLOR
26U	UG/KG	ENDRIN KETONE
19	%	MOISTURE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

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

RESULTS	UNITS	COMPOUND
7.6U	UG/KG	ALDRIN
3.8U	UG/KG	HEPTACHLOR
5.8	UG/KG	HEPTACHLOR EPOXIDE
1.5U	UG/KG	ALPHA-BHC
6.9U	UG/KG	BETA-BHC
1.9U	UG/KG	GAMMA-BHC (LINDANE)
5.7U	UG/KG	DELTA-BHC
6.7U	UG/KG	ENDOSULFAN I (ALPHA)
12U	UG/KG	DIELDRIN
25U	UG/KG	4,4'-DDT (P,P'-DDT)
6.2	UG/KG	4,4'-DDE (P,P'-DDE)
14U	UG/KG	4,4'-DDD (P,P'-DDD)
14U	UG/KG	ENDRIN
13U	UG/KG	ENDOSULFAN II (BETA)
30U	UG/KG	ENDOSULFAN SULFATE
140U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
87U	UG/KG	PCB-1242 (AROCLOR 1242)
140U	UG/KG	PCB-1254 (AROCLOR 1254)
87U	UG/KG	PCB-1221 (AROCLOR 1221)
87U	UG/KG	PCB-1232 (AROCLOR 1232)
87U	UG/KG	PCB-1248 (AROCLOR 1248)
140U	UG/KG	PCB-1260 (AROCLOR 1260)
87U	UG/KG	PCB-1016 (AROCLOR 1016)
490U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
30U	UG/KG	METHOXYCHLOR
100U	UG/KG	ENDRIN KETONE
47	%	MOISTURE

REMARKS

****

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
4.1U	UG/KG	ALDRIN
6.7U	UG/KG	HEPTACHLOR
9.7U	UG/KG	HEPTACHLOR EPOXIDE
11U	UG/KG	ALPHA-BHC
10U	UG/KG	BETA-BHC
11U	UG/KG	GAMMA-BHC (LINDANE)
2.0U	UG/KG	DELTA-BHC
11U	UG/KG	ENDOSULFAN I (ALPHA)
16U	UG/KG	DIELDRIN
28U	UG/KG	4,4'-DDT (P,P'-DDT)
23U	UG/KG	4,4'-DDE (P,P'-DDE)
24U	UG/KG	4,4'-DDD (P,P'-DDD)
13U	UG/KG	ENDRIN
23U	UG/KG	ENDOSULFAN II (BETA)
17U	UG/KG	ENDOSULFAN SULFATE
56U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
220U	UG/KG	PCB-1242 (AROCLOR 1242)
150U	UG/KG	PCB-1254 (AROCLOR 1254)
220U	UG/KG	PCB-1221 (AROCLOR 1221)
220U	UG/KG	PCB-1232 (AROCLOR 1232)
220U	UG/KG	PCB-1248 (AROCLOR 1248)
150U	UG/KG	PCB-1260 (AROCLOR 1260)
220U	UG/KG	PCB-1016 (AROCLOR 1016)
730U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
27U	UG/KG	METHOXYCHLOR
65U	UG/KG	ENDRIN KETONE
23	%	MOISTURE

****

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

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
170U	UG/KG	ALDRIN
90U	UG/KG	HEPTACHLOR
270U	UG/KG	HEPTACHLOR EPOXIDE
120U	UG/KG	ALPHA-BHC
140U	UG/KG	BETA-BHC
170U	UG/KG	GAMMA-BHC (LINDANE)
170U	UG/KG	DELTA-BHC
390U	UG/KG	ENDOSULFAN I (ALPHA)
480U	UG/KG	DIELDRIN
1100U	UG/KG	4,4'-DDT (P,P'-DDT)
590U	UG/KG	4,4'-DDE (P,P'-DDE)
660U	UG/KG	4,4'-DDD (P,P'-DDD)
700U	UG/KG	ENDRIN
630U	UG/KG	ENDOSULFAN II (BETA)
1300U	UG/KG	ENDOSULFAN SULFATE
2400U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
4600U	UG/KG	PCB-1242 (AROCLOR 1242)
7100U	UG/KG	PCB-1254 (AROCLOR 1254)
4600U	UG/KG	PCB-1221 (AROCLOR 1221)
4600U	UG/KG	PCB-1232 (AROCLOR 1232)
4600U	UG/KG	PCB-1248 (AROCLOR 1248)
7100U	UG/KG	PCB-1260 (AROCLOR 1260)
4600U	UG/KG	PCB-1016 (AROCLOR 1016)
260000U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
1700U	UG/KG	METHOXYCHLOR
1400U	UG/KG	ENDRIN KETONE
39	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-EAD, REG IV
ATHENS GEORGIA

01/21/87 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGP

REMARKS

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

RESULTS	UNITS	COMPOUND
1.2U	UG/KG	ALDRIN
1.2U	UG/KG	HEPTACHLOR
2.1U	UG/KG	HEPTACHLOR EPOXIDE
0.96U	UG/KG	ALPHA-BHC
3.6U	UG/KG	BETA-BHC
1.2U	UG/KG	GAMMA-BHC (LINDANE)
2.1U	UG/KG	DELTA-BHC
6.5U	UG/KG	ENDOSULFAN I (ALPHA)
3.6U	UG/KG	DIELDRIN
9.2U	UG/KG	4,4'-DDT (P,P'-DDT)
3.6U	UG/KG	4,4'-DDE (P,P'-DDE)
6.5U	UG/KG	4,4'-DDD (P,P'-DDD)
6.5U	UG/KG	ENDRIN
6.5U	UG/KG	ENDOSULFAN II (BETA)
14U	UG/KG	ENDOSULFAN SULFATE
16U	UG/KG	CHLORDANE (TECH. MIXTURE) /1
34U	UG/KG	PCB-1242 (AROCLOR 1242)
60U	UG/KG	PCB-1254 (AROCLOR 1254)
34U	UG/KG	PCB-1221 (AROCLOR 1221)
34U	UG/KG	PCB-1232 (AROCLOR 1232)
34U	UG/KG	PCB-1248 (AROCLOR 1248)
60U	UG/KG	PCB-1260 (AROCLOR 1260)
34U	UG/KG	PCB-1016 (AROCLOR 1016)
240U	UG/KG	TOXAPHENE
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	BETA CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
22U	UG/KG	METHOXYCHLOR
22U	UG/KG	ENDRIN KETONE
31	%	MOISTURE

****

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

[redacted]

****
[redacted]
***F[redacted]
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*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.

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

RESULTS	UNITS	COMPOUND
2200U	UG/KG	1,3-DICHLOROBENZENE
2200U	UG/KG	1,4-DICHLOROBENZENE
2200U	UG/KG	1,2-DICHLOROBENZENE
2200U	UG/KG	BIS(2-CHLOROETHYL) ETHER
2200U	UG/KG	HEXACHLOROETHANE
2200U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
2200U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2200U	UG/KG	NITROBENZENE
2200U	UG/KG	HEXACHLOROBUTADIENE
2200U	UG/KG	1,2,4-TRICHLOROBENZENE
2200U	UG/KG	NAPHTHALENE
2200U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2200U	UG/KG	ISOPHORONE
2200U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
2200U	UG/KG	2-CHLORONAPHTHALENE
2200U	UG/KG	ACENAPHTHYLENE
2200U	UG/KG	ACENAPHTHENE
2200U	UG/KG	DIMETHYL PHTHALATE
2200U	UG/KG	2,4-DINITROTOLUENE
2200U	UG/KG	2,6-DINITROTOLUENE
2200U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
2200U	UG/KG	FLUORENE
2200U	UG/KG	DIETHYL PHTHALATE
2200U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
2200U	UG/KG	HEXACHLOROBENZENE (HCB)
2200U	UG/KG	4-BROMOPHENYL PHENYL ETHER
280J	UG/KG	PHENANTHRENE
2200U	UG/KG	ANTHRACENE
2200U	UG/KG	DI-N-BUTYLPHTHALATE
760J	UG/KG	FLUORANTHENE
650J	UG/KG	PYRENE
2200U	UG/KG	BENZYL BUTYL PHTHALATE
2200U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
280J	UG/KG	BENZO(A)ANTHRACENE
490J	UG/KG	CHRYSENE
2200U	UG/KG	3,3'-DICHLOROBENZIDINE
2200U	UG/KG	DI-N-OCTYLPHTHALATE
[redacted]		
2200U	UG/KG	INDENO (1,2,3-CD) PYRENE
2200U	UG/KG	DIBENZO(A,H)ANTHRACENE
2200U	UG/KG	BENZO(GHI)PERYLENE
2200U	UG/KG	2-CHLOROPHENOL
2200U	UG/KG	2-NITROPHENOL
2200U	UG/KG	PHENOL
2200U	UG/KG	2,4-DIMETHYLPHENOL
2200U	UG/KG	2,4-DICHLOROPHENOL
2200U	UG/KG	2,4,6-TRICHLOROPHENOL
2200U	UG/KG	4-CHLORO-3-METHYLPHENOL
4400U	UG/KG	2,4-DINITROPHENOL
4400U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4400U	UG/KG	PENTACHLOROPHENOL
4400U	UG/KG	4-NITROPHENOL
47	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-D5 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: M BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS	UNITS	COMPOUND
1500U	UG/KG	1,3-DICHLOROBENZENE
1500U	UG/KG	1,4-DICHLOROBENZENE
1500U	UG/KG	1,2-DICHLOROBENZENE
1500U	UG/KG	BIS(2-CHLOROETHYL) ETHER
1500U	UG/KG	HEXACHLOROETHANE
1500U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
1500U	UG/KG	N-NITROSODI-N-PROPYLAMINE
1500U	UG/KG	NITROBENZENE
1500U	UG/KG	HEXACHLOROBUTADIENE
1500U	UG/KG	1,2,4-TRICHLOROBENZENE
1500U	UG/KG	NAPHTHALENE
1500U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
1500U	UG/KG	ISOPHORONE
1500U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1500U	UG/KG	2-CHLORONAPHTHALENE
1500U	UG/KG	ACENAPHTHYLENE
1500U	UG/KG	ACENAPHTHENE
1500U	UG/KG	DIMETHYL PHTHALATE
1500U	UG/KG	2,4-DINITROTOLUENE
1500U	UG/KG	2,6-DINITROTOLUENE
1500U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1500U	UG/KG	FLUORENE
1500U	UG/KG	DIETHYL PHTHALATE
1500U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1500U	UG/KG	HEXACHLOROBENZENE (HCB)
1500U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1500U	UG/KG	PHENANTHRENE
1500U	UG/KG	ANTHRACENE
1500U	UG/KG	DI-N-BUTYLPHTHALATE
1500U	UG/KG	FLUORANTHENE
1500U	UG/KG	PYRENE
1500U	UG/KG	BENZYL BUTYL PHTHALATE
1500U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
1500U	UG/KG	BENZO(A)ANTHRACENE
1500U	UG/KG	CHRYSENE
1500U	UG/KG	3,3'-DICHLOROBENZIDINE
1500U	UG/KG	DI-N-OCTYLPHTHALATE
1500U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1500U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1500U	UG/KG	BENZO-A-PYRENE
1500U	UG/KG	INDENO (1,2,3-CD) PYRENE
1500U	UG/KG	DIBENZO(A,H)ANTHRACENE
1500U	UG/KG	BENZO(GHI)PERYLENE
1500U	UG/KG	2-CHLOROPHENOL
1500U	UG/KG	2-NITROPHENOL
1500U	UG/KG	PHENOL
1500U	UG/KG	2,4-DIMETHYLPHENOL
1500U	UG/KG	2,4-DICHLOROPHENOL
1500U	UG/KG	2,4,6-TRICHLOROPHENOL
1500U	UG/KG	4-CHLORO-3-METHYLPHENOL
2900U	UG/KG	2,4-DINITROPHENOL
2900U	UG/KG	2-METHYL-4,6-DINITROPHENOL
2900U	UG/KG	PENTACHLOROPHENOL
2900U	UG/KG	4-NITROPHENOL
19	%	MOISTURE

****

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

[illegible]

[illegible]

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

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

RESULTS	UNITS	COMPOUND
2400U	UG/KG	1,3-DICHLOROBENZENE
2400U	UG/KG	1,4-DICHLOROBENZENE
2400U	UG/KG	1,2-DICHLOROBENZENE
2400U	UG/KG	BIS(2-CHLOROETHYL) ETHER
2400U	UG/KG	HEXACHLOROETHANE
2400U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
2400U	UG/KG	N-NITROSODI-N-PROPYLAMINE
2400U	UG/KG	NITROBENZENE
2400U	UG/KG	HEXACHLOROBUTADIENE
2400U	UG/KG	1,2,4-TRICHLOROBENZENE
2400U	UG/KG	NAPHTHALENE
2400U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
2400U	UG/KG	ISOPHORONE
2400U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
2400U	UG/KG	2-CHLORONAPHTHALENE
2400U	UG/KG	ACENAPHTHYLENE
2400U	UG/KG	ACENAPHTHENE
2400U	UG/KG	DIMETHYL PHTHALATE
2400U	UG/KG	2,4-DINITROTOLUENE
2400U	UG/KG	2,6-DINITROTOLUENE
2400U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
2400U	UG/KG	FLUORENE
2400U	UG/KG	DIETHYL PHTHALATE
2400U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
2400U	UG/KG	HEXACHLOROBENZENE (HCB)
2400U	UG/KG	4-BROMOPHENYL PHENYL ETHER
2400U	UG/KG	PHENANTHRENE
2400U	UG/KG	ANTHRACENE
2400U	UG/KG	DI-N-BUTYLPHTHALATE
2400U	UG/KG	FLUORANTHENE
2400U	UG/KG	PYRENE
2400U	UG/KG	BENZYL BUTYL PHTHALATE
2400U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
2400U	UG/KG	BENZO(A)ANTHRACENE
2400U	UG/KG	CHRYSENE
2400U	UG/KG	3,3'-DICHLOROBENZIDINE
2400U	UG/KG	DI-N-OCTYLPHTHALATE
[illegible]	UG/KG	BENZO(B) AND/OR K)FLUORANTHENE
2400U	UG/KG	BENZO-A-PYRENE
2400U	UG/KG	INDENO (1,2,3-CD) PYRENE
2400U	UG/KG	DIBENZO(A,H)ANTHRACENE
2400U	UG/KG	BENZO(GHI)PERYLENE
2400U	UG/KG	2-CHLOROPHENOL
2400U	UG/KG	2-NITROPHENOL
2400U	UG/KG	PHENOL
[illegible]	UG/KG	2,4-DIMETHYLPHENOL
[illegible]	UG/KG	2,4-DICHLOROPHENOL
2400U	UG/KG	2,4,6-TRICHLOROPHENOL
2400U	UG/KG	4-CHLORO-3-METHYLPHENOL
4700U	UG/KG	2,4-DINITROPHENOL
4700U	UG/KG	2-METHYL-4,6-DINITROPHENOL
4700U	UG/KG	PENTACHLOROPHENOL
4700U	UG/KG	4-NITROPHENOL
47	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS	UNITS	COMPOUND
16000U	UG/KG	1,3-DICHLOROBENZENE
16000U	UG/KG	1,4-DICHLOROBENZENE
16000U	UG/KG	1,2-DICHLOROBENZENE
16000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
16000U	UG/KG	HEXACHLOROETHANE
16000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
16000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
16000U	UG/KG	NITROBENZENE
16000U	UG/KG	HEXACHLOROBUTADIENE
16000U	UG/KG	1,2,4-TRICHLOROBENZENE
2500J	UG/KG	NAPHTHALENE
16000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
16000U	UG/KG	ISOPHORONE
16000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
16000U	UG/KG	2-CHLORONAPHTHALENE
16000U	UG/KG	ACENAPHTHYLENE
16000U	UG/KG	ACENAPHTHENE
16000U	UG/KG	DIMETHYL PHTHALATE
16000U	UG/KG	2,4-DINITROTOLUENE
16000U	UG/KG	2,6-DINITROTOLUENE
16000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
16000U	UG/KG	FLUORENE
16000U	UG/KG	DIETHYL PHTHALATE
16000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
16000U	UG/KG	HEXACHLOROBENZENE (HCB)
16000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
16000U	UG/KG	PHENANTHRENE
16000U	UG/KG	ANTHRACENE
16000U	UG/KG	DI-N-BUTYLPHTHALATE
16000U	UG/KG	FLUORANTHENE
16000U	UG/KG	PYRENE
16000U	UG/KG	BENZYL BUTYL PHTHALATE
16000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
16000U	UG/KG	BENZO(A)ANTHRACENE
16000U	UG/KG	CHRYSENE
16000U	UG/KG	3,3'-DICHLOROBENZIDINE
16000U	UG/KG	DI-N-OCTYLPHTHALATE
16000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
16000U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
16000U	UG/KG	BENZO-A-PYRENE
16000U	UG/KG	INDENO (1,2,3-CD) PYRENE
16000U	UG/KG	DIBENZO(A,H)ANTHRACENE
16000U	UG/KG	BENZO(GHI)PERYLENE
16000U	UG/KG	2-CHLOROPHENOL
16000U	UG/KG	2-NITROPHENOL
16000U	UG/KG	PHENOL
16000U	UG/KG	2,4-DIMETHYLPHENOL
16000U	UG/KG	2,4-DICHLOROPHENOL
16000U	UG/KG	2,4,6-TRICHLOROPHENOL
16000U	UG/KG	4-CHLORO-3-METHYLPHENOL
32000U	UG/KG	2,4-DINITROPHENOL
32000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
32000U	UG/KG	PENTACHLOROPHENOL
32000U	UG/KG	4-NITROPHENOL
23	%	MOISTURE

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

***[illegible]

***[illegible]

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

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

RESULTS	UNITS	COMPOUND
43000U	UG/KG	1,3-DICHLOROBENZENE
43000U	UG/KG	1,4-DICHLOROBENZENE
43000U	UG/KG	1,2-DICHLOROBENZENE
43000U	UG/KG	BIS(2-CHLOROETHYL) ETHER
43000U	UG/KG	HEXACHLOROETHANE
43000U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
43000U	UG/KG	N-NITROSODI-N-PROPYLAMINE
43000U	UG/KG	NITROBENZENE
43000U	UG/KG	HEXACHLOROBUTADIENE
43000U	UG/KG	1,2,4-TRICHLOROBENZENE
43000U	UG/KG	NAPHTHALENE
43000U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
43000U	UG/KG	ISOPHORONE
43000U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
43000U	UG/KG	2-CHLORONAPHTHALENE
43000U	UG/KG	ACENAPHTHYLENE
43000U	UG/KG	ACENAPHTHENE
43000U	UG/KG	DIMETHYL PHTHALATE
43000U	UG/KG	2,4-DINITROTOLUENE
43000U	UG/KG	2,6-DINITROTOLUENE
43000U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
43000U	UG/KG	FLUORENE
43000U	UG/KG	DIETHYL PHTHALATE
43000U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
43000U	UG/KG	HEXACHLOROBENZENE (HCB)
43000U	UG/KG	4-BROMOPHENYL PHENYL ETHER
43000U	UG/KG	PHENANTHRENE
43000U	UG/KG	ANTHRACENE
43000U	UG/KG	DI-N-BUTYLPHTHALATE
43000U	UG/KG	FLUORANTHENE
43000U	UG/KG	PYRENE
43000U	UG/KG	BENZYL BUTYL PHTHALATE
43000U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
43000U	UG/KG	BENZO(A)ANTHRACENE
43000U	UG/KG	CHRYSENE
43000U	UG/KG	3,3'-DICHLOROBENZIDINE
43000U	UG/KG	DI-N-OCTYLPHTHALATE
[illegible]	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
[illegible]	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
43000U	UG/KG	BENZO-A-PYRENE
43000U	UG/KG	INDENO (1,2,3-CD) PYRENE
43000U	UG/KG	DIBENZO(A,H)ANTHRACENE
43000U	UG/KG	BENZO(GHI)PERYLENE
43000U	UG/KG	2-CHLOROPHENOL
43000U	UG/KG	2-NITROPHENOL
43000U	UG/KG	PHENOL
[illegible]	UG/KG	2,4-DIMETHYLPHENOL
[illegible]	UG/KG	2,4-DICHLOROPHENOL
[illegible]	UG/KG	2,4,6-TRICHLOROPHENOL
43000U	UG/KG	4-CHLORO-3-METHYLPHENOL
86000U	UG/KG	2,4-DINITROPHENOL
86000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
86000U	UG/KG	PENTACHLOROPHENOL
86000U	UG/KG	4-NITROPHENOL
39	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

***REMARK[illegible]

[illegible]

***[illegible]
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*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.

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

RESULTS	UNITS	COMPOUND
1800U	UG/KG	1,3-DICHLOROBENZENE
1800U	UG/KG	1,4-DICHLOROBENZENE
1800U	UG/KG	1,2-DICHLOROBENZENE
1800U	UG/KG	BIS(2-CHLOROETHYL) ETHER
1800U	UG/KG	HEXACHLOROETHANE
1800U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
1800U	UG/KG	N-NITROSODI-N-PROPYLAMINE
1800U	UG/KG	NITROBENZENE
1800U	UG/KG	HEXACHLOROBUTADIENE
1800U	UG/KG	1,2,4-TRICHLOROBENZENE
1800U	UG/KG	NAPHTHALENE
1800U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
1800U	UG/KG	ISOPHORONE
1800U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1800U	UG/KG	2-CHLORONAPHTHALENE
1800U	UG/KG	ACENAPHTHYLENE
1800U	UG/KG	ACENAPHTHENE
1800U	UG/KG	DIMETHYL PHTHALATE
1800U	UG/KG	2,4-DINITROTOLUENE
1800U	UG/KG	2,6-DINITROTOLUENE
1800U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1800U	UG/KG	FLUORENE
1800U	UG/KG	DIETHYL PHTHALATE
1800U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1800U	UG/KG	HEXACHLOROBENZENE (HCB)
1800U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1800U	UG/KG	PHENANTHRENE
1800U	UG/KG	ANTHRACENE
1800U	UG/KG	DI-N-BUTYLPHTHALATE
1800U	UG/KG	FLUORANTHENE
1800U	UG/KG	PYRENE
1800U	UG/KG	BENZYL BUTYL PHTHALATE
1800U	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
1800U	UG/KG	BENZO(A)ANTHRACENE
1800U	UG/KG	CHRYSENE
1800U	UG/KG	3,3'-DICHLOROBENZIDINE
1800U	UG/KG	DI-N-OCTYLPHTHALATE
1800U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1800U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1800U	UG/KG	BENZO-A-PYRENE
1800U	UG/KG	INDENO (1,2,3-CD) PYRENE
1800U	UG/KG	DIBENZO(A,H)ANTHRACENE
1800U	UG/KG	BENZO(GHI)PERYLENE
1800U	UG/KG	2-CHLOROPHENOL
1800U	UG/KG	2-NITROPHENOL
1800U	UG/KG	PHENOL
1800U	UG/KG	2,4-DIMETHYLPHENOL
1800U	UG/KG	2,4-DICHLOROPHENOL
1800U	UG/KG	2,4,6-TRICHLOROPHENOL
1800U	UG/KG	4-CHLORO-3-METHYLPHENOL
3600U	UG/KG	2,4-DINITROPHENOL
3600U	UG/KG	2-METHYL-4,6-DINITROPHENOL
3600U	UG/KG	PENTACHLOROPHENOL
3600U	UG/KG	4-NITROPHENOL
31	%	MOISTURE

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C44700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1090 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
4400U	BENZOIC ACID
2200U	2-METHYLPHENOL
2200U	4-METHYLPHENOL
2200U	2,4,5-TRICHLOROPHENOL
2200U	BENZYL ALCOHOL
4400U	4-CHLOROANILINE
2200U	DIBENZOFURAN
2200U	2-METHYLNAPHTHALENE
2200U	2-NITROANILINE
2200U	3-NITROANILINE
2200U	4-NITROANILINE
400JN	TETRADECANOIC ACID
2000JN	HEXADECANOIC ACID
1000JN	OCTADECANOIC ACID
300JN	METHYLFLUORANTHENE
N	PETROLEUM PRODUCT

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: 66F
SOURCE: AOOADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D8 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
2900U	BENZOIC ACID
1500U	2-METHYLPHENOL
1500U	4-METHYLPHENOL
1500U	2,4,5-TRICHLOROPHENOL
1500U	BENZYL ALCOHOL
2900U	4-CHLOROANILINE
1500U	DIBENZOFURAN
1500U	2-METHYLNAPHTHALENE
1500U	2-NITROANILINE
1500U	3-NITROANILINE
1500U	4-NITROANILINE
300JN	HEXADECANOIC ACID
400JN	ETHYLIDENEBIS(C2 ALKYLBENZENE)
N	PETROLEUM PRODUCT

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
4700U	BENZOIC ACID
2400U	2-METHYLPHENOL
2400U	4-METHYLPHENOL
2400U	2,4,5-TRICHLOROPHENOL
2400U	BENZYL ALCOHOL
4700U	4-CHLOROANILINE
2400U	DIBENZOFURAN
2400U	2-METHYLNAPHTHALENE
2400U	2-NITROANILINE
2400U	3-NITROANILINE
2400U	4-NITROANILINE
800JN	HEXADECANOIC ACID
300JN	OCTADECANOIC ACID

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: M BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
320000U	BENZOIC ACID
16000U	2-METHYLPHENOL
16000U	4-METHYLPHENOL
16000U	2,4,5-TRICHLOROPHENOL
16000U	BENZYL ALCOHOL
320000U	4-CHLOROANILINE
16000U	DIBENZOFURAN
16000U	2-METHYLNAPHTHALENE
16000U	2-NITROANILINE
16000U	3-NITROANILINE
16000U	4-NITROANILINE
30000JN	C3 ALKYLBENZENE (3 ISOMERS)
70000JN	C4 ALKYLBENZENE (7 ISOMERS)
10000JN	C6 ALKYLBENZENE (2 ISOMERS)
3000JN	TETRADECANOIC ACID
50000JN	HEXADECANOIC ACID
10000JN	OCTADECANOIC ACID
N	PETROLEUM PRODUCT

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-REG. REG. IV
ATHENS GEORGIA

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
86000U	BENZOIC ACID
43000U	2-METHYLPHENOL
43000U	4-METHYLPHENOL
43000U	2,4,5-TRICHLOROPHENOL
43000U	BENZYL ALCOHOL
86000U	4-CHLOROANILINE
43000U	DIBENZOFURAN
43000U	2-METHYLNAPHTHALENE
43000U	2-NITROANILINE
43000U	3-NITROANILINE
43000U	4-NITROANILINE
10000JN	C4 ALKYLBENZENE (3 ISOMERS)
5000JN	C3 ALKYLNAPHTHALENE
30000JN	TETRADECANOIC ACID
30000JN	HEXADECANOIC ACID
60000JN	OCTADECANOIC ACID
N	PETROLEUM PRODUCT

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

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

02/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/KG	COMPOUND NAME
3600U	BENZOIC ACID
1800U	2-METHYLPHENOL
1800U	4-METHYLPHENOL
1800U	2,4,5-TRICHLOROPHENOL
1800U	BENZYL ALCOHOL
3600U	4-CHLOROANILINE
1800U	DIBENZOFURAN
1800U	2-METHYLNAPHTHALENE
1800U	2-NITROANILINE
1800U	3-NITROANILINE
1800U	4-NITROANILINE
200JN	HEXADECANOIC ACID

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

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14699 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDN UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.039U	UG/L	ALDRIN
0.039U	UG/L	HEPTACHLOR
0.039U	UG/L	HEPTACHLOR EPOXIDE
0.039U	UG/L	ALPHA-BHC
0.039U	UG/L	BETA-BHC
0.039U	UG/L	GAMMA-BHC (LINDANE)
0.039U	UG/L	DELTA-BHC
0.060U	UG/L	ENDOSULFAN I (ALPHA)
0.060	UG/L	DIELDRIN
0.11U	UG/L	4,4'-DDT (P,P'-DDT)
0.11U	UG/L	4,4'-DDE (P,P'-DDE)
0.11U	UG/L	4,4'-DDD (P,P'-DDD)
0.060U	UG/L	ENDRIN
0.11U	UG/L	ENDOSULFAN II (BETA)
0.17U	UG/L	ENDOSULFAN SULFATE
0.27U	UG/L	CHLORDANE (TECH. MIXTURE) /1
1.2U	UG/L	PCB-1242 (AROCLOR 1242)
1.2U	UG/L	PCB-1254 (AROCLOR 1254)
1.2U	UG/L	PCB-1221 (AROCLOR 1221)
1.2U	UG/L	PCB-1232 (AROCLOR 1232)
1.2U	UG/L	PCB-1248 (AROCLOR 1248)
1.2U	UG/L	PCB-1260 (AROCLOR 1260)
1.2U	UG/L	PCB-1016 (AROCLOR 1016)
3.0U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.31U	UG/L	METHOXYCHLOR
0.17U	UG/L	ENDRIN KETONE

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *I=INTERFERENCES
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*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED. THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14702 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SF SPRING WATER
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.020U	UG/L	ALDRIN
0.020U	UG/L	HEPTACHLOR
0.073	UG/L	HEPTACHLOR EPOXIDE
0.020U	UG/L	ALPHA-BHC
0.020U	UG/L	BETA-BHC
0.020U	UG/L	GAMMA-BHC (LINDANE)
0.020U	UG/L	DELTA-BHC
0.094U	UG/L	ENDOSULFAN I (ALPHA)
0.094	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.045U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.19U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.57U	UG/L	PCB-1242 (AROCLOR 1242)
0.57U	UG/L	PCB-1254 (AROCLOR 1254)
0.57U	UG/L	PCB-1221 (AROCLOR 1221)
0.57U	UG/L	PCB-1232 (AROCLOR 1232)
0.57U	UG/L	PCB-1248 (AROCLOR 1248)
0.57U	UG/L	PCB-1260 (AROCLOR 1260)
0.57U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.17U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *I 1=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. *WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14703 SAM LE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.046U	UG/L	ALDRIN
0.046U	UG/L	HEPTACHLOR
0.032A	UG/L	HEPTACHLOR EPOXIDE
0.013U	UG/L	ALPHA-BHC
0.046U	UG/L	BETA-BHC
0.046U	UG/L	GAMMA-BHC (LINDANE)
0.046U	UG/L	DELTA-BHC
0.057U	UG/L	ENDOSULFAN I (ALPHA)
0.057A	UG/L	DIELDRIN
0.12U	UG/L	4,4'-DDT (P,P'-DDT)
0.12U	UG/L	4,4'-DDE (P,P'-DDE)
0.12U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.12U	UG/L	ENDOSULFAN II (BETA)
0.19U	UG/L	ENDOSULFAN SULFATE
--	UG/L	CHLORDANE (TECH. MIXTURE) /1
1.3U	UG/L	PCB-1242 (AROCLOR 1242)
1.3U	UG/L	PCB-1254 (AROCLOR 1254)
1.3U	UG/L	PCB-1221 (AROCLOR 1221)
1.3U	UG/L	PCB-1232 (AROCLOR 1232)
1.3U	UG/L	PCB-1248 (AROCLOR 1248)
1.3U	UG/L	PCB-1260 (AROCLOR 1260)
1.3U	UG/L	PCB-1016 (AROCLOR 1016)
3.4U	UG/L	TOXAPHENE
0.051U	UG/L	CHLORDENE /2
0.051U	UG/L	ALPHA-CHLORDENE /2
0.057U	UG/L	BETA CHLORDENE /2
0.057U	UG/L	GAMMA-CHLORDENE /2
0.070A	UG/L	1-HYDROXYCHLORDENE /2
0.051U	UG/L	GAMMA-CHLORDANE /2
0.051U	UG/L	TRANS-NONACHLOR /2
0.051U	UG/L	ALPHA-CHLORDANE /2
0.051U	UG/L	CIS-NONACHLOR /2
0.35U	UG/L	METHOXYCHLOR
0.19U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N I-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED, THE NUMBER IS THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14708 SAM LE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOC VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.011U	UG/L	ALPHA-BHC
0.017U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *N I=INTERFERENCES
*J=ESTIMATED VALUE *P=PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
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*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED. THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OF METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14710 SAM LE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4F LEACHATE #4
STORET STATION ID:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.014U	UG/L	ALPHA-BHC
0.014U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *R I-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMEN SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14711 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.023U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPOXIDE
0.023U	UG/L	ALPHA-BHC
0.023U	UG/L	BETA-BHC
0.023U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.045N	UG/L	ENDOSULFAN I (ALPHA)
0.029U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.055U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.28U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.55U	UG/L	PCB-1242 (AROCLOR 1242)
0.55U	UG/L	PCB-1254 (AROCLOR 1254)
0.55U	UG/L	PCB-1221 (AROCLOR 1221)
0.55U	UG/L	PCB-1232 (AROCLOR 1232)
0.55U	UG/L	PCB-1248 (AROCLOR 1248)
0.55U	UG/L	PCB-1260 (AROCLOR 1260)
0.55U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N I-INTERFERENCES
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THE MINIMUM QUANTITATION LIMIT.
1. *HEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14712 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.021U	UG/L	ALDRIN
0.021U	UG/L	HEPTACHLOR
0.021U	UG/L	HEPTACHLOR EPOXIDE
0.030U	UG/L	ALPHA-BHC
0.021U	UG/L	BETA-BHC
0.021U	UG/L	GAMMA-BHC (LINDANE)
0.021U	UG/L	DELTA-BHC
0.042U	UG/L	ENDOSULFAN I (ALPHA)
0.034U	UG/L	DIELDRIN
0.082U	UG/L	4,4'-DDT (P,P'-DDT)
0.082U	UG/L	4,4'-DDE (P,P'-DDE)
0.082U	UG/L	4,4'-DDD (P,P'-DDD)
0.034U	UG/L	ENDRIN
0.082U	UG/L	ENDOSULFAN II (BETA)
0.13U	UG/L	ENDOSULFAN SULFATE
0.18U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.46U	UG/L	PCB-1242 (AROCLOR 1242)
0.50U	UG/L	PCB-1254 (AROCLOR 1254)
0.46U	UG/L	PCB-1221 (AROCLOR 1221)
0.46U	UG/L	PCB-1232 (AROCLOR 1232)
0.46U	UG/L	PCB-1248 (AROCLOR 1248)
0.50U	UG/L	PCB-1260 (AROCLOR 1260)
0.46U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.13U	UG/L	ENDRIN KETONE

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *N I-INTERFERENCES
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2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14713 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAP
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.023U	UG/L	ALDRIN
0.023U	UG/L	HEPTACHLOR
0.023U	UG/L	HEPTACHLOR EPOXIDE
0.019U	UG/L	ALPHA-BHC
0.023U	UG/L	BETA-BHC
0.023U	UG/L	GAMMA-BHC (LINDANE)
0.023U	UG/L	DELTA-BHC
0.034U	UG/L	ENDOSULFAN I (ALPHA)
0.034U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.034U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *N I=INTERFERENCES
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2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

01/08/87 PESTICIDES/PCB'S AND OTHER CHLORINA ED COMPOUNDS
WATER

SAMPLE NO.: 87C14714 SAM LE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ALCOADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC D BY: D COLQUITT
SEALED: YES

CHEMIST: JAR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: JAR

REMARKS

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

RESULTS	UNITS	COMPOUND
0.014U	UG/L	ALDRIN
0.014U	UG/L	HEPTACHLOR
0.014U	UG/L	HEPTACHLOR EPOXIDE
0.014U	UG/L	ALPHA-BHC
0.014U	UG/L	BETA-BHC
0.014U	UG/L	GAMMA-BHC (LINDANE)
0.014U	UG/L	DELTA-BHC
0.022U	UG/L	ENDOSULFAN I (ALPHA)
0.022U	UG/L	DIELDRIN
0.055U	UG/L	4,4'-DDT (P,P'-DDT)
0.055U	UG/L	4,4'-DDE (P,P'-DDE)
0.055U	UG/L	4,4'-DDD (P,P'-DDD)
0.022U	UG/L	ENDRIN
0.055U	UG/L	ENDOSULFAN II (BETA)
0.086U	UG/L	ENDOSULFAN SULFATE
0.17U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.39U	UG/L	PCB-1242 (AROCLOR 1242)
0.39U	UG/L	PCB-1254 (AROCLOR 1254)
0.39U	UG/L	PCB-1221 (AROCLOR 1221)
0.39U	UG/L	PCB-1232 (AROCLOR 1232)
0.39U	UG/L	PCB-1248 (AROCLOR 1248)
0.39U	UG/L	PCB-1260 (AROCLOR 1260)
0.39U	UG/L	PCB-1016 (AROCLOR 1016)
1.5U	UG/L	TOXAPHENE
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	BETA CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.16U	UG/L	METHOXYCHLOR
0.086U	UG/L	ENDRIN KETONE

********** **********

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *N I=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENC OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN V LUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETEC ED. THE NUMBER IS
THE MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDAN CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICA CHLORDANE.

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
2JN	BUTOXYETHANOL
8JN	CAFFEINE

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO: NEEP

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
3JN	BUTOXYETHANOL

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
1JN	BUTOXYETHANOL
3JN	CAFFEINE

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

RESULTS	UNITS	COMPOUND
10U	UG/L	1,3-DICHLOROBENZENE
10U	UG/L	1,4-DICHLOROBENZENE
10U	UG/L	1,2-DICHLOROBENZENE
10U	UG/L	BIS(2-CHLOROETHYL) ETHER
10U	UG/L	HEXACHLOROETHANE
10U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
10U	UG/L	N-NITROSODI-N-PROPYLAMINE
10U	UG/L	NITROBENZENE
10U	UG/L	HEXACHLOROBUTADIENE
10U	UG/L	1,2,4-TRICHLOROBENZENE
10U	UG/L	NAPHTHALENE
10U	UG/L	BIS(2-CHLOROETHOXY) METHANE
10U	UG/L	ISOPHORONE
10U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
10U	UG/L	2-CHLORONAPHTHALENE
10U	UG/L	ACENAPHTHYLENE
10U	UG/L	ACENAPHTHENE
10U	UG/L	DIMETHYL PHTHALATE
10U	UG/L	2,4-DINITROTOLUENE
10U	UG/L	2,6-DINITROTOLUENE
10U	UG/L	4-CHLOROPHENYL PHENYL ETHER
10U	UG/L	FLUORENE
10U	UG/L	DIETHYL PHTHALATE
10U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
10U	UG/L	HEXACHLOROBENZENE (HCB)
10U	UG/L	4-BROMOPHENYL PHENYL ETHER
10U	UG/L	PHENANTHRENE
10U	UG/L	ANTHRACENE
10U	UG/L	DI-N-BUTYLPHTHALATE
10U	UG/L	FLUORANTHENE
10U	UG/L	PYRENE
10U	UG/L	BENZYL BUTYL PHTHALATE
10U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
10U	UG/L	BENZO(A)ANTHRACENE
10U	UG/L	CHRYSENE
10U	UG/L	3,3'-DICHLOROBENZIDINE
10U	UG/L	DI-N-OCTYLPHTHALATE
10U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
10U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
10U	UG/L	BENZO-A-PYRENE
10U	UG/L	INDENO (1,2,3-CD) PYRENE
10U	UG/L	DIBENZO(A,H)ANTHRACENE
10U	UG/L	BENZO(GHI)PERYLENE
100J	UG/L	2-CHLOROPHENOL
100J	UG/L	2-NITROPHENOL
100J	UG/L	PHENOL
100J	UG/L	2,4-DIMETHYLPHENOL
100J	UG/L	2,4-DICHLOROPHENOL
100J	UG/L	2,4,6-TRICHLOROPHENOL
100J	UG/L	4-CHLORO-3-METHYLPHENOL
200J	UG/L	2,4-DINITROPHENOL
200J	UG/L	2-METHYL-4,6-DINITROPHENOL
200J	UG/L	PENTACHLOROPHENOL
200J	UG/L	4-NITROPHENOL

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGK

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20UJ	BENZOIC ACID
10UJ	2-METHYLPHENOL
10UJ	4-METHYLPHENOL
10UJ	2,4,5-TRICHLOROPHENOL
10UJ	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
2JN	BUTOXYETHANOL
2JN	CAPROLACTAM

****

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

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADUME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
3JN	BENZOTHIAZOLONE
3JN	ETHYLMETHYLBENZENESULFONAMIDE
2JN	CYCLOHEXYLMETHYLBENZENESULFONAMIDE
2JN	TRI(BUTOXYETHANOL)PHOSPHATE
50J	2 UNIDENTIFIED COMPOUNDS

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

****

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

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
1JN	BUTOXYETHANOL
30JN	CAPROLACTAM
5JN	ETHYLMETHYLBENZENESULFONAMIDE
8JN	METHYLHEPTADECANOIC ACID,METHYL ESTER

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

03/05/87 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AADADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: DGR
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

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

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

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

03/06/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO: NEED

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
20U	BENZOIC ACID
10U	2-METHYLPHENOL
10U	4-METHYLPHENOL
10U	2,4,5-TRICHLOROPHENOL
10U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
10U	DIBENZOFURAN
10U	2-METHYLNAPHTHALENE
10U	2-NITROANILINE
10U	3-NITROANILINE
10U	4-NITROANILINE
20JN	CAPROLACTAM
20J	1 UNIDENTIFIED COMPOUND

****

FOOTNOTES
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*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

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

01/15/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C34701 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

01/15/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/15/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14701 SAMPLE TYPE: BLKWA

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-TB TRIP BLANK
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0905
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BENOY RECEIVED FROM: G BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
50	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
50	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
50	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	DIBROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
50	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
50	UG/L	TOLUENE
0.8J	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: W BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C34710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-RAD REG IV
ATHENS GEORGIA

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
50	UG/L	CHLOROMETHANE
50	UG/L	BROMOMETHANE
1.1J	UG/L	VINYL CHLORIDE
50	UG/L	CHLOROETHANE
50	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
1.5J	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
50	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
13	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
0.1	UG/L	BENZENE
50	UG/L	DIBROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
50	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
4.6J	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
0.1	UG/L	TOLUENE
50	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
5	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C34702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
1.8J	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
0.8J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
5U	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
1J	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5U	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
5U	UG/L	ETHYL BENZENE
5U	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
5U	UG/L	CHLOROMETHANE
5U	UG/L	BROMOMETHANE
5U	UG/L	VINYL CHLORIDE
5U	UG/L	CHLOROETHANE
5U	UG/L	METHYLENE CHLORIDE
5U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
5U	UG/L	1,1-DICHLOROETHANE
5U	UG/L	TRANS-1,2-DICHLOROETHENE
2J	UG/L	CHLOROFORM
5U	UG/L	1,2-DICHLOROETHANE
5U	UG/L	1,1,1-TRICHLOROETHANE
5U	UG/L	CARBON TETRACHLORIDE
5U	UG/L	BROMODICHLOROMETHANE
5U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
5U	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
23	UG/L	BENZENE
5U	UG/L	DIBROMOCHLOROMETHANE
5U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
5U	UG/L	BROMOFORM
5U	UG/L	1,1,2,2-TETRACHLOROETHANE
5U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
2J	UG/L	TOLUENE
5U	UG/L	CHLOROBENZENE
3.4J	UG/L	ETHYL BENZENE
21	UG/L	TOTAL XYLENES

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ERD,RPC IV
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE
4JN	CIS 1,2 DICHLOROETHENE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
FDA-FED.REG IV
ATHENS GEORGIA

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE
7JN	ISOPROPYLETHER

PROJECT NO.: 87-069 PROGRAM ELEMENT: 55F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: M BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1595
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FED.REG IV
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ARDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
FDA-FAD,REG IV
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD SEC IV
ATHENS GEORGIA

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
99	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

01/12/87 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

RESULTS IN: UG/L	COMPOUND NAME
50U	ACETONE
50U	METHYL ETHYL KETONE
50U	CARBON DISULFIDE
50U	METHYL BUTYL KETONE
50U	METHYL ISOBUTYL KETONE
50U	STYRENE
50U	VINYL ACETATE

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAN
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
[illegible]	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
690	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
51	UG/L	TITANIUM
NA	UG/L	THALLIUM
12	UG/L	VANADIUM
10U	UG/L	YTTRIUM
28	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5400	UG/L	ALUMINUM
1200	UG/L	MANGANESE
270	MG/L	CALCIUM
15	MG/L	MAGNESIUM
3.2	MG/L	IRON
90	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAN

REMARKS

Received 1/12/87
Reviewed 1/12/87

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADOADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
100	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
42	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
22	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
510	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
240	UG/L	TITANIUM
NA	UG/L	THALLIUM
52	UG/L	VANADIUM
45	UG/L	YTTRIUM
130	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
26000	UG/L	ALUMINUM
1500	UG/L	MANGANESE
140	MG/L	CALCIUM
7.2	MG/L	MAGNESIUM
14	MG/L	IRON
120	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
200	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
40J	UG/L	COBALT
10	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
61	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
77	UG/L	TITANIUM
NA	UG/L	THALLIUM
16	UG/L	VANADIUM
24	UG/L	YTTRIUM
440	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5100	UG/L	ALUMINUM
6400	UG/L	MANGANESE
22	MG/L	CALCIUM
5.8	MG/L	MAGNESIUM
42	MG/L	IRON
32	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW1 MONWL #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
410	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
16	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
140	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
62	UG/L	TITANIUM
NA	UG/L	THALLIUM
14	UG/L	VANADIUM
13	UG/L	YTTRIUM
55	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
8700	UG/L	ALUMINUM
4000	UG/L	MANGANESE
81	MG/L	CALCIUM
9.6	MG/L	MAGNESIUM
3.7	MG/L	IRON
20	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1325
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
40U	UG/L	ARSENIC
NA	UG/L	BORON
95	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
50	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
68	UG/L	TITANIUM
NA	UG/L	THALLIUM
12	UG/L	VANADIUM
10U	UG/L	YTTRIUM
42	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
5300	UG/L	ALUMINUM
140	UG/L	MANGANESE
26	MG/L	CALCIUM
2.1	MG/L	MAGNESIUM
0.3	MG/L	IRON
1.8	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: 66F
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
72	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
260	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
42	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
10	UG/L	VANADIUM
10U	UG/L	YTTRIUM
120	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
8400	UG/L	ALUMINUM
100	UG/L	MANGANESE
21	MG/L	CALCIUM
2.7	MG/L	MAGNESIUM
6.0	MG/L	IRON
1.0U	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: 88F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
48.	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
400	UG/L	SELENIUM
100U	UG/L	TIN
110	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
22	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
210	UG/L	ALUMINUM
120	UG/L	MANGANESE
65.	MG/L	CALCIUM
3.4	MG/L	MAGNESIUM
0.45	MG/L	IRON
2.3	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
30U	UG/L	ARSENIC
NA	UG/L	BORON
34.	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
100	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
10U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
100U	UG/L	ALUMINUM
34	UG/L	MANGANESE
65	MG/L	CALCIUM
2.0	MG/L	MAGNESIUM
0.10U	MG/L	IRON
3.8	MG/L	SODIUM
NA	MG/L	POTASSIUM

****

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

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

01/06/87

METALS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
10U	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
[illegible]	UG/L	BARIUM
10U	UG/L	BERYLLIUM
10U	UG/L	CADMIUM
20U	UG/L	COBALT
10U	UG/L	CHROMIUM
10U	UG/L	COPPER
20U	UG/L	MOLYBDENUM
20U	UG/L	NICKEL
30U	UG/L	LEAD
30U	UG/L	ANTIMONY
40U	UG/L	SELENIUM
100U	UG/L	TIN
90	UG/L	STRONTIUM
40U	UG/L	TELLURIUM
10U	UG/L	TITANIUM
NA	UG/L	THALLIUM
10U	UG/L	VANADIUM
10U	UG/L	YTTRIUM
37	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.2U	UG/L	MERCURY
320	UG/L	ALUMINUM
28	UG/L	MANGANESE
52	MG/L	CALCIUM
2.8	MG/L	MAGNESIUM
.0528	MG/L	IRON
8.8	MG/L	SODIUM
NA	MG/L	POTASSIUM

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14699 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDW UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0900
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14702 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW SPRING WATER
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0925
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: W BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14703 SAMPLE TYPE: AMBWA

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-DW DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1000
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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THE MINIMUM DETECTION LIMIT.

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14708 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3W LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1120
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: W BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.004U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14710 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4W LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1345
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLG CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLG

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.003	MG/L	CYANIDE	00720

1. 01/20/87 SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14711 SAMPLE TYPE: MONWL

R PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
O SOURCE: AQUADOME
I CITY: DECATUR STATE: AL

T STATION I.D.: AD-MW1 MONWL #1
T STORET STATION NO:

A SAMPLE COLLECTION: START DATE/TIME 12/10/86 1500
A SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

O COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
A SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
E SEALED: YES

H CHEMIST: RLQ CHEMIST:
N ANALYTICAL METHOD:

E REMARK:
E REMARK:

A SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

* ***REMARKS***

* **********

* ***FOOTNOTES***
[illegible]
[illegible] OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED, THE NUMBER IS THE MINIMUM DETECTION LIMIT.

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

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14712 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW2 MONWL #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1555
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14713 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW3 MONWL #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1030
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.002U	MG/L	CYANIDE	00720

01/20/87

SPECIFIED ANALYSIS
DATA REPORTING SHEET
WATER

SAMPLE NO.: 87C14714 SAMPLE TYPE: MONWL

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW4 MONWL #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/11/86 1200
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE MINIMUM DETECTION LIMIT.

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

03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
25JJ	UG/KG	CHLOROMETHANE
25JJ	UG/KG	BROMOMETHANE
25JJ	UG/KG	VINYL CHLORIDE
25JJ	UG/KG	CHLOROETHANE
25JJ	UG/KG	METHYLENE CHLORIDE
25JJ	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
25JJ	UG/KG	1,1-DICHLOROETHANE
25JJ	UG/KG	TRANS-1,2-DICHLOROETHENE
25JJ	UG/KG	CHLOROFORM
25JJ	UG/KG	1,2-DICHLOROETHANE
25JJ	UG/KG	1,1,1-TRICHLOROETHANE
25JJ	UG/KG	CARBON TETRACHLORIDE
3.5J	UG/KG	BROMODICHLOROMETHANE
25JJ	UG/KG	1,2-DICHLOROPROPANE
50JJ	UG/KG	TRANS-1,3-DICHLOROPROPENE
25JJ	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
25JJ	UG/KG	BENZENE
25JJ	UG/KG	DIBROMOCHLOROMETHANE
25JJ	UG/KG	1,1,2-TRICHLOROETHANE
50JJ	UG/KG	CIS-1,3-DICHLOROPROPENE
50JJ	UG/KG	2-CHLOROETHYLVINYL ETHER
25JJ	UG/KG	BROMOFORM
25JJ	UG/KG	1,1,2,2-TETRACHLOROETHANE
25JJ	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
33J	UG/KG	TOLUENE
25JJ	UG/KG	CHLOROBENZENE
25JJ	UG/KG	ETHYL BENZENE
33J	UG/KG	TOTAL XYLENES
39	%	MOISTURE

****

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

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014707 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
6800	ACETONE
2500	METHYL ETHYL KETONE
2500	CARBON DISULFIDE
2500	METHYL BUTYL KETONE
2500	METHYL ISOBUTYL KETONE
2500	STYRENE
2500	VINYL ACETATE
20000	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-03 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/85 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/85 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

3 03/19/87 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C04709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-04 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: J COGGUILL
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

RESULTS	UNITS	COMPOUND
28J	UG/KG	CHLOROMETHANE
28J	UG/KG	BROMOMETHANE
28J	UG/KG	VINYL CHLORIDE
28J	UG/KG	CHLOROETHANE
28J	UG/KG	METHYLENE CHLORIDE
28J	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
28J	UG/KG	1,1-DICHLOROETHANE
28J	UG/KG	TRANS-1,2-DICHLOROETHENE
28J	UG/KG	CHLOROFORM
28J	UG/KG	1,2-DICHLOROETHANE
28J	UG/KG	1,1,1-TRICHLOROETHANE
28J	UG/KG	CARBON TETRACHLORIDE
28J	UG/KG	BROMODICHLOROMETHANE
28J	UG/KG	1,2-DICHLOROPROPANE
56J	UG/KG	TRANS-1,3-DICHLOROPROPENE
28J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
28J	UG/KG	BENZENE
28J	UG/KG	DIBROMOCHLOROMETHANE
28J	UG/KG	1,1,2-TRICHLOROETHANE
56J	UG/KG	CIS-1,3-DICHLOROPROPENE
56J	UG/KG	2-CHLOROETHYLVINYL ETHER
28J	UG/KG	BROMOFORM
28J	UG/KG	1,1,2,2-TETRACHLOROETHANE
28J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
28J	UG/KG	TOLUENE
28J	UG/KG	CHLOROBENZENE
28J	UG/KG	ETHYL BENZENE
28J	UG/KG	TOTAL XYLENES
31	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WPP SAMPLE DATA VERIFIED BY: FRA

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/19/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87014709 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
280J	ACETONE
280J	METHYL ETHYL KETONE
280J	CARBON DISULFIDE
280J	METHYL BUTYL KETONE
280J	METHYL ISOBUTYL KETONE
280J	STYRENE
280J	VINYL ACETATE

PROJECT NO.: 87-059 PROGRAM ELEMENT: SSF
SOURCE: ADUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/85 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/85 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WPP DATA VERIFIED BY: FRA

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
110000U	ACETONE
110000U	METHYL ETHYL KETONE
110000U	CARBON DISULFIDE
110000U	METHYL BUTYL KETONE
110000U	METHYL ISOBUTYL KETONE
110000U	STYRENE
110000U	VINYL ACETATE
70000J	TOTAL UNIDENTIFIED ALKYLHYDROCARBONS

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

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

RESULTS IN: UG/KG	COMPOUND NAME
180U	ACETONE
180U	METHYL ETHYL KETONE
180U	CARBON DISULFIDE
180U	METHYL BUTYL KETONE
180U	METHYL ISOBUTYL KETONE
180U	STYRENE
180U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
140U	ACETONE
140U	METHYL ETHYL KETONE
140U	CARBON DISULFIDE
140U	METHYL BUTYL KETONE
140U	METHYL ISOBUTYL KETONE
140U	STYRENE
140U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADUCE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE,/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

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

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

03/06/87 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C147J0 SAMPLE TYPE: SEDIM

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

RESULTS IN: UG/KG	COMPOUND NAME
170U	ACETONE
170U	METHYL ETHYL KETONE
170U	CARBON DISULFIDE
170U	METHYL BUTYL KETONE
170U	METHYL ISOBUTYL KETONE
170U	STYRENE
170U	VINYL ACETATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: FRA

REMARKS

****

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

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

03/05/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACUADONE
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
18U	UG/KG	CHLOROMETHANE
18U	UG/KG	BROMOMETHANE
18U	UG/KG	VINYL CHLORIDE
18U	UG/KG	CHLOROETHANE
18U	UG/KG	METHYLENE CHLORIDE
18U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
2.5J	UG/KG	1,1-DICHLOROETHANE
18U	UG/KG	TRANS-1,2-DICHLOROETHENE
18U	UG/KG	CHLOROFORM
18U	UG/KG	1,2-DICHLOROETHANE
19	UG/KG	1,1,1-TRICHLOROETHANE
18U	UG/KG	CARBON TETRACHLORIDE
18U	UG/KG	BROMODICHLOROMETHANE
18U	UG/KG	1,2-DICHLOROPROPANE
36U	UG/KG	TRANS-1,3-DICHLOROPROPENE
4J	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
18U	UG/KG	BENZENE
18U	UG/KG	DIBROMOCHLOROMETHANE
18U	UG/KG	1,1,2-TRICHLOROETHANE
36U	UG/KG	CIS-1,3-DICHLOROPROPENE
36U	UG/KG	2-CHLOROETHYLVINYL ETHER
18U	UG/KG	BROMOFORM
18U	UG/KG	1,1,2,2-TETRACHLOROETHANE
2.3J	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
6.6J	UG/KG	TOLUENE
18U	UG/KG	CHLOROBENZENE
18U	UG/KG	ETHYL BENZENE
18U	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

03/05/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ACOADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

RESULTS	UNITS	COMPOUND
14U	UG/KG	CHLOROMETHANE
14U	UG/KG	BROMOMETHANE
14U	UG/KG	VINYL CHLORIDE
14U	UG/KG	CHLOROETHANE
14U	UG/KG	METHYLENE CHLORIDE
14U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
14U	UG/KG	1,1-DICHLOROETHANE
14U	UG/KG	TRANS-1,2-DICHLOROETHENE
14U	UG/KG	CHLOROFORM
14U	UG/KG	1,2-DICHLOROETHANE
14U	UG/KG	1,1,1-TRICHLOROETHANE
14U	UG/KG	CARBON TETRACHLORIDE
14U	UG/KG	BROMODICHLOROMETHANE
14U	UG/KG	1,2-DICHLOROPROPANE
28U	UG/KG	TRANS-1,3-DICHLOROPROPENE
14U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
14U	UG/KG	BENZENE
14U	UG/KG	DIBROMOCHLOROMETHANE
14U	UG/KG	1,1,2-TRICHLOROETHANE
26U	UG/KG	CIS-1,3-DICHLOROPROPENE
28U	UG/KG	2-CHLOROETHYLVINYL ETHER
14U	UG/KG	BROMOFORM
14U	UG/KG	1,1,2,2-TETRACHLOROETHANE
14U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
14U	UG/KG	TOLUENE
14U	UG/KG	CHLOROBENZENE
14U	UG/KG	ETHYL BENZENE
14U	UG/KG	TOTAL XYLENES
19	%	MOISTURE

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

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

03/05/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: ADDADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: FRA
ANALYTICAL METHOD:

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

RESULTS	UNITS	COMPOUND
17U	UG/KG	CHLOROMETHANE
17U	UG/KG	BROMOMETHANE
17U	UG/KG	VINYL CHLORIDE
17U	UG/KG	CHLOROETHANE
17U	UG/KG	METHYLENE CHLORIDE
17U	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
17U	UG/KG	1,1-DICHLOROETHANE
17U	UG/KG	TRANS-1,2-DICHLOROETHENE
17U	UG/KG	CHLOROFORM
17U	UG/KG	1,2-DICHLOROETHANE
17U	UG/KG	1,1,1-TRICHLOROETHANE
17U	UG/KG	CARBON TETRACHLORIDE
17U	UG/KG	BROMODICHLOROMETHANE
17U	UG/KG	1,2-DICHLOROPROPANE
34U	UG/KG	TRANS-1,3-DICHLOROPROPENE
17U	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
17U	UG/KG	BENZENE
17U	UG/KG	DIBROMOCHLOROMETHANE
17U	UG/KG	1,1,2-TRICHLOROETHANE
34U	UG/KG	CIS-1,3-DICHLOROPROPENE
34U	UG/KG	2-CHLOROETHYLVINYL ETHER
17U	UG/KG	BROMOFORM
17U	UG/KG	1,1,2,2-TETRACHLOROETHANE
17U	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
23	UG/KG	TOLUENE
17U	UG/KG	CHLOROBENZENE
2.1J	UG/KG	ETHYL BENZENE
16	UG/KG	TOTAL XYLENES
47	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: FRA

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.14U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14709 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: 58F
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4 LEACHATE #4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1330
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.83	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: W BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD RPC IV
ATHENS GEORGIA

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

RESULTS	UNITS	PARAMETER	STORET
0.13U	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STOREI STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.39J	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SRF
SOURCE: AGUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D6 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

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

RESULTS	UNITS	PARAMETER	STORET
0.82	MG/KG	CYANIDE	00721

01/20/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADONE
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: RLQ CHEMIST:
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: RLQ

REMARKS

****

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

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

01/06/87

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

SAMPLE NO.: 87C14700 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-UDS UPSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 0920
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
8U	MG/KG	ARSENIC
NA	MG/KG	BORON
78	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
6U	MG/KG	COBALT
34	MG/KG	CHROMIUM
21	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
8.7	MG/KG	NICKEL
280	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
77	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
93	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
38	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
210	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
12000	MG/KG	ALUMINUM
560	MG/KG	MANGANESE
66000	MG/KG	CALCIUM
2100	MG/KG	MAGNESIUM
18000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
49	%	MOISTURE

****

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

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

01/06/87

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

SAMPLE NO.: 87C14704 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AGGADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-D5 DOWNSTREAM DRAINAGE
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1005
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDY RECEIVED FROM: B BENDY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
7U	MG/KG	SILVER
21U	MG/KG	ARSENIC
NA	MG/KG	BORON
14U	MG/KG	BARIUM
7U	MG/KG	BERYLLIUM
7U	MG/KG	CADMIUM
14U	MG/KG	COBALT
19	MG/KG	CHROMIUM
36	MG/KG	COPPER
14U	MG/KG	MOLYBDENUM
14U	MG/KG	NICKEL
21	MG/KG	LEAD
21U	MG/KG	ANTIMONY
28U	MG/KG	SELENIUM
70U	MG/KG	TIN
160	MG/KG	STRONTIUM
28U	MG/KG	TELLURIUM
28	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
14	MG/KG	VANADIUM
7U	MG/KG	YTTRIUM
41	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
870	MG/KG	ALUMINUM
110	MG/KG	MANGANESE
160000	MG/KG	CALCIUM
3100	MG/KG	MAGNESIUM
9600	MG/KG	IRON
700U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
18	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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FOOTNOTES
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*J-ESTIMATED VALUE. *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

01/06/87

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

SAMPLE NO.: 87C14705 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: ADL-L1 LEACHATE #1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1045
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: O COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
9U	MG/KG	ARSENIC
NA	MG/KG	BORON
48	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
60	MG/KG	COBALT
33	MG/KG	CHROMIUM
20	MG/KG	COPPER
6U	MG/KG	MOLYBDENUM
7.2	MG/KG	NICKEL
86	MG/KG	LEAD
9U	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
66	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
42	MG/KG	VANADIUM
9.0	MG/KG	YTTRIUM
320	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
14000	MG/KG	ALUMINUM
480	MG/KG	MANGANESE
52000	MG/KG	CALCIUM
1700	MG/KG	MAGNESIUM
20000	MG/KG	IRON
300U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
45	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

01/06/87

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

SAMPLE NO.: 87C14706 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2 LEACHATE #2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1110
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

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

RESULTS	UNITS	ELEMENT
2U	MG/KG	SILVER
6U	MG/KG	ARSENIC
NA	MG/KG	BORON
30	MG/KG	BARIUM
2U	MG/KG	BERYLLIUM
2U	MG/KG	CADMIUM
4U	MG/KG	COBALT
8.4	MG/KG	CHROMIUM
480	MG/KG	COPPER
4U	MG/KG	MOLYBDENUM
6.0	MG/KG	NICKEL
14	MG/KG	LEAD
6U	MG/KG	ANTIMONY
8U	MG/KG	SELENIUM
20U	MG/KG	TIN
4.4	MG/KG	STRONTIUM
8U	MG/KG	TELLURIUM
100	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
9.0	MG/KG	VANADIUM
3.2	MG/KG	YTTRIUM
89	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
4200	MG/KG	ALUMINUM
49	MG/KG	MANGANESE
1500	MG/KG	CALCIUM
320	MG/KG	MAGNESIUM
5800	MG/KG	IRON
200U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
22	%	MOISTURE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

01/06/87

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

SAMPLE NO.: 87C14707 SAMPLE TYPE: LEACHATE

PROJECT NO.: 87-069 PROGRAM ELEMENT: SSF
SOURCE: AQUADOME
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3 LEACHATE #3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 12/10/86 1115
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOY RECEIVED FROM: B BENOY
SAMPLE REC'D: DATE/TIME 12/12/86 1000 REC'D BY: D COLQUITT
SEALED: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

REMARKS

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

RESULTS	UNITS	ELEMENT
200U	MG/KG	SILVER
300U	MG/KG	ARSENIC
NA	MG/KG	BORON
840	MG/KG	BARIUM
100U	MG/KG	BERYLLIUM
100U	MG/KG	CADMIUM
200U	MG/KG	COBALT
240	MG/KG	CHROMIUM
93000	MG/KG	COPPER
200U	MG/KG	MOLYBDENUM
380	MG/KG	NICKEL
550	MG/KG	LEAD
300U	MG/KG	ANTIMONY
400U	MG/KG	SELENIUM
1000U	MG/KG	TIN
100U	MG/KG	STRONTIUM
400U	MG/KG	TELLURIUM
260	MG/KG	TITANIUM
NA	MG/KG	THALLIUM
100U	MG/KG	VANADIUM
100U	MG/KG	YTTRIUM
7900	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.05U	MG/KG	MERCURY
40000	MG/KG	ALUMINUM
520	MG/KG	MANGANESE
21000	MG/KG	CALCIUM
9600	MG/KG	MAGNESIUM
82000	MG/KG	IRON
10000U	MG/KG	SODIUM
NA	MG/KG	POTASSIUM
40	%	MOISTURE

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FOOTNOTES
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R-586-4-6-11

SITE SAMPLING INVESTIGATION
AQUADOME SITE
MORGAN COUNTY
DECATUR, ALABAMA

Prepared Under
TDD NO. F4-8504-02
CONTRACT NO. 68-01-6699

Revision 0

FOR THE

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

APRIL 14, 1986

NUS CORPORATION
SUPERFUND DIVISION

Prepared By	Reviewed By	Approved By
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NOTICE

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SITE SAMPLING INVESTIGATION
AQUADOME SITE
DECATUR, ALABAMA

1.0 INTRODUCTION

The Region IV Field Investigation Team (FIT) of NUS Corporation conducted a site sampling investigation of the Aquadome Site during the week of April 22, 1985. The investigation was conducted at the request of the U.S. Environmental Protection Agency, Region IV, Air and Waste Management Division in accordance with Technical Directive Document (TDD) number F4-8504-02, under the authority of the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA). Team members were Barbara Hansen Benoy, Project Manager, Phil Blackwell, Doug Munson, and Bob Donaghue of NUS Corporation.

2.0 SITE CHARACTERIZATION

2.1 Site Description

The Aquadome Site is located between 5th Avenue S.W. and 8th Street S.W. in Decatur, Alabama in Morgan County (Figure 1). The site is defined as an area of approximately 40 acres which was formerly a municipal landfill. Currently, Aquadome Park and Brookhaven Middle School are located on top of the fill area. Aquadome Park includes several athletic fields, a recreation building, and the Aquadome Pool. Current onsite facilities are depicted in Figure 2. Leachate from the landfill can be observed draining at several points into the drainage ditch which runs roughly west to east across the center of the property. In many areas, the leaching has caused erosion to occur, resulting in exposure of rubbish and discolored soil. North of the school, a section of concrete partially lines approximately 50 feet of the ditch. Water is normally flowing through this ditch, due to the fact that it is fed by a small spring. The spring enters the ditch by way of an underground pipe just inside the eastern boundary of the site. Aside from the partially lined area and the leachate points, the slopes of the ditch are vegetated with grass. The ditch drains into Dry Branch Creek, which is a tributary to the

Tennessee River. FIT members observed many depressed areas throughout the site where settling of the fill had occurred. It was noted that after rainfall events, several of the depressed areas held standing water. An oily sheen was present at some areas of standing water.

2.2 Site History

The former landfill at the Aquadome Site was owned and operated by the City of Decatur (Ref. 8). There are no records available to identify contributors to the landfill or to specify the date operation was initiated. It is known, however, that the facility was active for approximately 20 years and was used for open dumping and burning of wastes in trenches. There was no cap installed at the time of the landfill's closure in 1964. Construction of the school began in 1969; gas monitoring systems were installed in the existing school and recreation buildings shortly after their completion (Ref. 9). The gas monitoring systems have detected methane gas present up to 8% LEL outdoors and 2% LEL inside the Brookhaven Middle School building (Ref. 10). Four monitoring wells were installed in 1981 by Testing, Incorporated of Decatur. The State of Alabama Health Department periodically sampled these wells, as well as surface water onsite (Ref. 9).

2.3 Hydrogeology

The Aquadome Site is located in the Tennessee Valley district of the Interior Low Plateaus physiographic province. The topography in the vicinity of the site is typical of the Tennessee Valley district, having broad valleys and plateaus with elevations ranging between 500 and 600 feet above mean sea level. The climate is mild, as the average annual temperature is 61.0° F. Precipitation averages 50 inches annually with winter being the wettest season of the year (1).

The soil in the site vicinity consists of 20 - 30 feet of residual reddish-brown to gray silty clay loam of the Ooltewah and Cumberland Series. Although the soils are permeable, internal drainage is slow to the underlying bedrock and locally may result in the formation of intermittent ponds during the wet season (2).

Underlying the layer of soil is the Tuscumbia Limestone of Mississippian age. This formation is composed of a 180 foot thickness of light gray to olive-gray fine-to-coarse-grained clastic limestone. The limestone is thick bedded and contains nodules of bluish-gray chert. Beneath the Tuscumbia Limestone is the Ft. Payne Chert, which is comprised of 250 feet of limestone (50%), dolomite (25%), chert (20%), and shale. The Ft. Payne has been divided into three main units. The uppermost unit of the Ft. Payne is lithologically similar to the Tuscumbia; the only difference being that the limestone in the Ft. Payne was chemically precipitated and therefore is much finer grained than the Tuscumbia, which was a facies of clastic deposition. The middle unit of the Ft. Payne is classified as a very fine-grained silicified dolomitic limestone, and the lowermost unit is a very fine-grained partly silicified, partly calcareous dolomite and bluish-gray chert. Also included in the lower unit of the Ft. Payne is a six inch thick layer of greenish-gray shale (1).

Nearly all of the groundwater in the area is found within an extensive network of solution cavities developed in the Tuscumbia Limestone and the uppermost unit of the Ft. Payne Chert. The cavities are secondary, formed by the vertical and lateral movement of water along bedding planes, joints, and fractures. Although the water-bearing properties of the two formations differ, regionally they are considered as one aquifer, as there is no confining bed which separates the two formations. Most wells are stopped at the top of the lowermost unit of the Ft. Payne since material within and below this unit is relatively impermeable. Recharge to the aquifer is derived from precipitation, and wells in the area yield from 10 to 1,100 gpm with an average yield of 150 gpm (1).

3.0 OBJECTIVES

The objectives of this site sampling investigation were to:

- determine the identities and concentrations of contaminants present, if any, which do not normally occur in the study area.

- use the analytical data to aid in determining whether contaminants found on site have the potential to migrate.

4.0 SCOPE

It was within the scope of this investigation to collect groundwater, surface water, and soil/sediment samples. Sampling locations were chosen to target the areas where contamination was most likely. It was not within the scope of this investigation to install any monitoring wells, however, existing on-site permanent monitoring wells were sampled. This study did not include a site-specific geophysical evaluation.

5.0 FIELD INVESTIGATION

5.1 Description of Sample Locations

A total of 17 samples, including seven surface water samples, four groundwater samples, and six soil/sediment samples, were collected during this investigation. One surface water and one sediment sample were collected from the drainage ditch upstream from the site. One surface water sample was collected from a small spring where it enters the onsite drainage ditch by way of an underground pipe. Surface water and sediment samples were collected from each of three leachate points along the drainage ditch. (Please note that leachate points 2 and 4 are the same location. Due to environmental conditions during the sampling investigation, samples L2-5S and L4-7W were not collected consecutively, hence the different codes.) An additional surface water sample was taken from a small leachate pool just south of the ditch. Four groundwater samples were collected from existing monitoring wells at the site. One composite soil sample was taken from an auger hole near the small leachate pool. One surface water sample and one sediment sample were collected from the drainage ditch downstream from the site. Figure 3 shows the sampling locations and Table 1 lists sample codes and descriptions. Information on the monitoring wells is given in Table 8.

5.2 Field Measurements

Temperature and pH of all water samples and conductivity readings for groundwater samples are shown in Table 9. The city of Decatur requested FIT to monitor the air in the Brookhaven Middle School basement. No readings above

background were detected with the HNU. Above background readings were recorded on the OVA in the boiler room, which may have been due to fumes from the gas-powered boiler and other machinery. Twenty-five gas vents around the school were surveyed with both the OVA and the HNU. Slight readings above background were detected by the OVA at two vents. HNU readings were taken at the onsite auger hole drilled by FIT members. These readings indicated that volatile organics were emitting from the hole. Readings taken in the breathing zone showed no contamination of the ambient atmosphere.

5.3 Split Samples

CERCLA regulations dictate that split samples be offered to the current owners of a site. The city of Decatur declined split samples.

5.4 Analytical Laboratories

Analyses of samples collected during this investigation were conducted by laboratories under contract with the U.S. Environmental Protection Agency in their Contract Laboratory Program (CLP). Organic analyses of samples collected during the Aquadome study were performed by CompuChem Labs of Research Triangle Park, North Carolina. Inorganic analyses were conducted by Rocky Mountain Analytical Labs of Arvada, Colorado. All analytical laboratory data are attached as Appendix A.

5.5 Analytical Data Quality

The analytical data generated from the Aquadome investigation have been subjected to quality control review. All contaminants detected during analyses are tabulated in Tables 2-7. Concentrations of some of the contaminants are designated in the tables as estimated values. Those data indicate only the presence of the given contaminants, and should be used for site screening purposes only.

6.0 DISCUSSION OF ANALYTICAL RESULTS

6.1 Groundwater Samples

Four onsite monitoring wells were sampled. The locations of these wells are shown on Figure 3. Analyses on sample MW-1 from the well in the southwest corner of the site indicated the presence of sixteen inorganics. Of these, six are priority pollutants: silver (5.7 est. ug/l), chromium (15 ug/l), copper (8.9 est. ug/l), nickel (13 ug/l), lead (8.4 ug/l), and zinc (97 ug/l). No organics were detected in this sample.

Sample MW-2, from the well on the site's northern boundary, was found to contain eighteen inorganics. Eight of these are priority pollutant metals. They are as follows (concentrations in ug/l): silver (9.1 est.), arsenic (9.6), cadmium (6.4), chromium (31), copper (24 est.), nickel (28), lead (26), and zinc (220). One organic compound was identified, toluene, a priority pollutant at 3.5 (est.) ug/l.

Analyses on sample MW-3, from the central monitoring well, showed the presence of twelve inorganics, four of which are priority pollutants. These priority pollutant metals are: copper (9 est. ug/l), nickel (15 ug/l), lead (16 ug/l), and zinc (31 ug/l). Organic analyses indicated only the presence of one unidentified organic compound.

Inorganic analyses on groundwater sample MW-4 (location shown on Figure 3) identified seventeen inorganic constituents, seven of which are priority pollutants. As with all three of the preceeding monitoring well samples, copper, nickel, lead, and zinc were present in MW-4, at concentrations of 30 (est.), 22, 23, and 150 ug/l respectively. Silver (6.6 est. ug/l), beryllium (0.5 ug/l), and chromium (45 ug/l) were also present in this sample. Toluene (7.9 ug/l) was the only priority pollutant organic identified in sample MW-4. All inorganic data on the groundwater samples are shown in Table 6. The corresponding organic data are given in Table 7.

6.2 Leachate and Sediment Samples

Four leachate samples were taken at the Aquadome site. Corresponding sediment samples were collected at three of the leachate points. Water sample L1-4W,

taken at leachate point number one, was found to contain fourteen inorganic constituents. Four of these are considered priority pollutant metals: chromium (7.9 ug/l), copper (9.6 est. ug/l), lead (61 ug/l), and zinc (81 ug/l). No organic compounds were present in this sample. The corresponding sediment sample, L1-4S, contained a total of seventeen inorganic constituents, seven of which are priority pollutants. These priority pollutant metals and their concentrations (in ug/kg) are as follows: silver (4,500 est.), arsenic (7,500), chromium (29,000), copper (11,000 est.), nickel (5,200), lead (24,000), and zinc (36,000). Two of the three organic compounds identified in this sample are priority pollutants: bis (2-ethylhexyl)phthalate (500 est. ug/kg), and toluene (5 est. ug/kg).

Leachate water sample L4-7W and sediment sample L2-5S were collected at the same location, leachate point number two. Analyses on the water sample at this location indicated the presence of nineteen inorganics, nine of which are priority pollutants. These nine are as follows (concentrations in ug/l): silver (18 est.), arsenic (31), beryllium (3), cadmium (19), chromium (330), copper (130 est.), nickel (53), lead (480), and zinc (680). One organic compound was present in this sample, benzo (GHI) perylene, a priority pollutant, at 9.2 (est.) ug/l. The corresponding sediment sample, L2-5S, was shown to contain sixteen inorganics, of which seven are priority pollutant metals. These are silver (4,400 est. ug/kg), arsenic (9,100 ug/kg), cadmium (4,800 ug/kg), chromium (51,000 ug/kg), copper (24,000 ug/kg), nickel (9,000 ug/kg), and lead (66,000 ug/kg). The priority pollutant organics bis (2-ethylhexyl)phthalate (340 est. ug/kg) and 3,3'-dichlorobenzidene (1,500 ug/kg) were also identified. In addition, the pesticides dieldrin and chlordane were present in this sample at concentrations of 7 (est.) ug/kg and 69 (est.) ug/kg respectively. (Chlordane was detected on a presumptive evidence basis.)

Analyses indicated that leachate water sample L3-6W contained the same inorganic priority pollutants as L4-7W, with the exceptions of arsenic and beryllium. Concentrations of the seven priority pollutant metals in L3-6W are somewhat lower than in L4-7W (Table 6). Four priority pollutant organic compounds were found in this sample: vinyl chloride (35 ug/l), trans-1,2-dichloroethene (50 ug/l), trichloroethene (3.6 est. ug/l), and chlorobenzene (4.9 est. ug/l). Five priority pollutant metals were present in L3-6S, the corresponding sediment sample. These inorganic constituents included arsenic (4,700 ug/kg), chromium (30,000 ug/kg),

copper (42,000 ug/kg), lead (31,000 ug/kg), and zinc (58,000 ug/kg). There were no organic compounds identified in sediment sample L3-6S.

Leachate point number five was a small leachate pool. The limited amount of water present allowed for sampling for volatile organics analyses only. This sample was coded L5-8W. The results of these analyses indicate the presence of two organic priority pollutants: trans-1,2-dichloroethene at 11,000 ug/l and trichloroethene at 2,200 (est.) ug/l. No sediment sample was taken at this location. Results of inorganic analyses on leachate water and sediment samples are shown in Tables 2 and 6. Tables 3, 4, 5, and 7 give the organic analyses data on these samples.

6.3 Surface Water and Sediment Samples

Surface water and sediment samples were collected from the drainage ditch at locations upstream and downstream of the site. Additionally, a surface water sample was taken from a small spring where it enters the drainage ditch onsite. This sample, coded SW-2W, was found to contain eight inorganic constituents. Among these, zinc was the only inorganic priority pollutant present at 3.5 ug/l. Two priority pollutant organics were identified: tetrachloroethene (17 ug/l) and bis (2-ethylhexyl)phthalate (10 est. ug/l). Analyses also indicated the presence of the pesticides heptachlor epoxide (0.05 ug/l) and dieldrin (0.07 est. ug/l).

Surface water sample US-1W was collected from the drainage ditch just prior to where the ditch enters the site. Analyses revealed the presence of ten inorganic constituents, including priority pollutants lead (25 ug/l) and zinc (30 ug/l). Organic analyses found the sample to contain priority pollutants tetrachloroethene and bis (2-ethylhexyl)phthalate at estimated concentrations of 3.2 ug/l and 9.4 ug/l respectively. Analyses on the corresponding sediment sample, US-1S, indicated five priority pollutants were among fourteen inorganic constituents present. Chromium (32,000 ug/kg), copper (15,000 ug/kg), nickel (7,800 ug/kg), lead (270,000 ug/kg), and zinc (260,000 ug/kg) were identified. Analyses indicated the presence of nine priority pollutant organic compounds in this sample. They are as follows (concentrations in ug/kg): phenanthrene (540 est.), fluoranthene (860 est.), pyrene (550 est.), benzyl butyl phthalate (560 est.), bis (2-ethylhexyl)phthalate (1,200 est.),

benzo (A) anthracene (320 est.), chrysene (430 est.), phenol (800), and toluene (3,700). Pesticides dieldrin (59 ug/kg) and chlordane (presumptive evidence) were also detected in this sample.

Surface water sample DS-3W was taken from the drainage ditch just downstream of the site. Eleven inorganics were present in this sample, including the priority pollutants copper (8.8 est. ug/l), nickel (18 ug/l), and zinc (12 ug/l). The following priority pollutant organic compounds were detected (concentrations in ug/l): trans-1,2-dichloroethene (8.7), chloroform (3 est.), trichloroethene (3.6 est.), tetrachloroethene (2.8 est.), and toluene (92). Analyses also indicated the presence of heptachlor epoxide and dieldrin, priority pollutant pesticides, at estimated concentrations of 0.02 and 0.03 ug/l, respectively. The corresponding sediment sample, DS-3S, was found to contain five priority pollutant metals: chromium (47,000 ug/kg), copper (630,000 est. ug/kg), nickel (10,000 ug/kg), lead (180,000 ug/kg), and zinc (360,000 ug/kg). Organic analyses identified three priority pollutant organic compounds: di-N-butylphthalate (590 est. ug/kg), fluoranthene (530 est. ug/kg), and bis (2-ethylhexyl) phthalate (2,400 est. ug/kg). Dieldrin (60 ug/kg) and chlordane (presumptive evidence), priority pollutant pesticides, were also present. Surface water and sediment data from organic analyses are shown in Tables 3, 4, 5, and 7. Inorganic data are given in Tables 2 and 6.

6.4 Subsurface Soil Sample

One subsurface soil sample, coded A1S, was taken during the Aquadome study. The sample was a composite of soil collected from an auger hole approximately 10 feet deep. FIT members noted an unpleasant odor similar to that of shoe polish emitting from the auger hole. The soil from the hole was stained black. Inorganic analyses indicated the presence of twenty inorganic constituents, of which ten are priority pollutants. These are as follows (concentrations in ug/kg): silver (7,200 est.), arsenic (14,000), beryllium (530), cadmium (6,700), chromium (160,000), copper (28,000,000 est.), nickel (550,000), lead (520,000), zinc (2,600,000), and mercury (580). Analyses indicated seven organic priority pollutants were present, including (concentrations in ug/kg): naphthalene (13,000 est.), N-nitrosodiphenylamine/diphenylamine (22,000 est.), trans-1,2-dichloroethene (19), benzene (10), toluene (220), chlorobenzene (72), and ethyl benzene (50). Also found

in this sample was PCB 1254 at an estimated concentration of 9,400 ug/kg. Analytical results for this sample are shown in Tables 2-5.

7.0 SUMMARY OF ANALYTICAL RESULTS

The results of the inorganic analyses on all samples from this site indicated high levels of metals. Most consistently found throughout the site were copper, nickel, lead, and zinc.

The results of the organic analyses revealed that several of the soil/sediment samples contained toluene and bis (2-ethylhexyl)phthalate, as well as the pesticides dieldrin and chlordane. Tetrachloroethene, trichloroethene, bis (2-ethylhexyl)phthalate, and trans-1,2-dichloroethene occurred frequently throughout the leachate and surface water samples, while toluene was the only priority pollutant organic evident in the groundwater samples.

8.0 METHODOLOGY

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

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

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

Environmental Protection Agency Standard procedures and protocols for the contract analytical laboratory program (ESD, 1982).

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4. State of Alabama Health Department, Environmental Health Administration, Division of Solid and Hazardous Waste, Monitoring well sampling data sheets, Aquadome Park, Decatur, Alabama, October 22, 1981 and September 7, 1982.

5. Mabry Engineering Co., Inc., Decatur, Alabama, Sample Analysis Report, Aquadome - Old Landfill, April 19, 1983.

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

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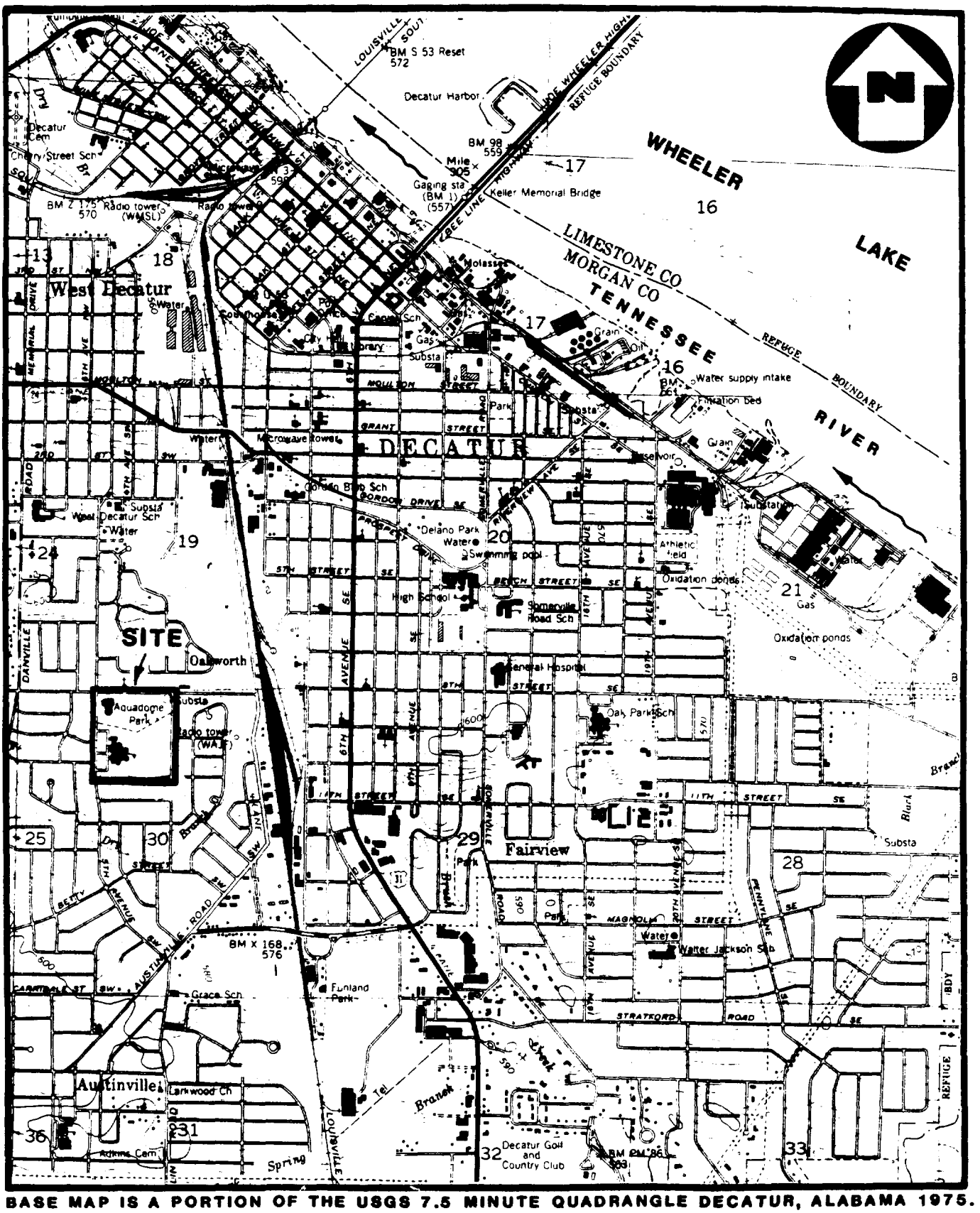


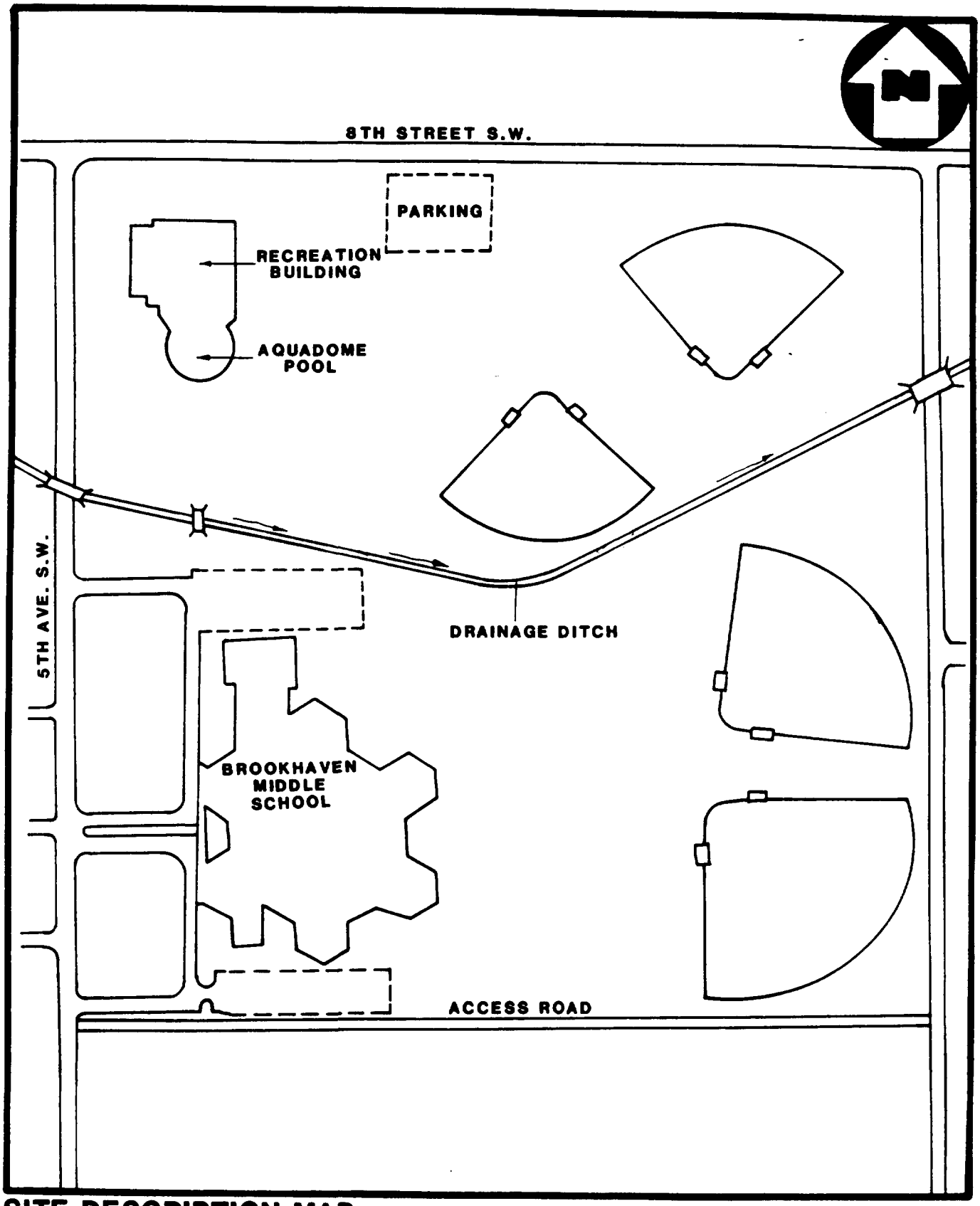
BASE MAP IS A PORTION OF THE USGS 7.5 MINUTE QUADRANGLE DECATUR, ALABAMA 1975.

SITE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA

FIGURE 1

SCALE : 1" = APPROX. 2364 FT.

NUS CORPORATION
A Halliburton Company

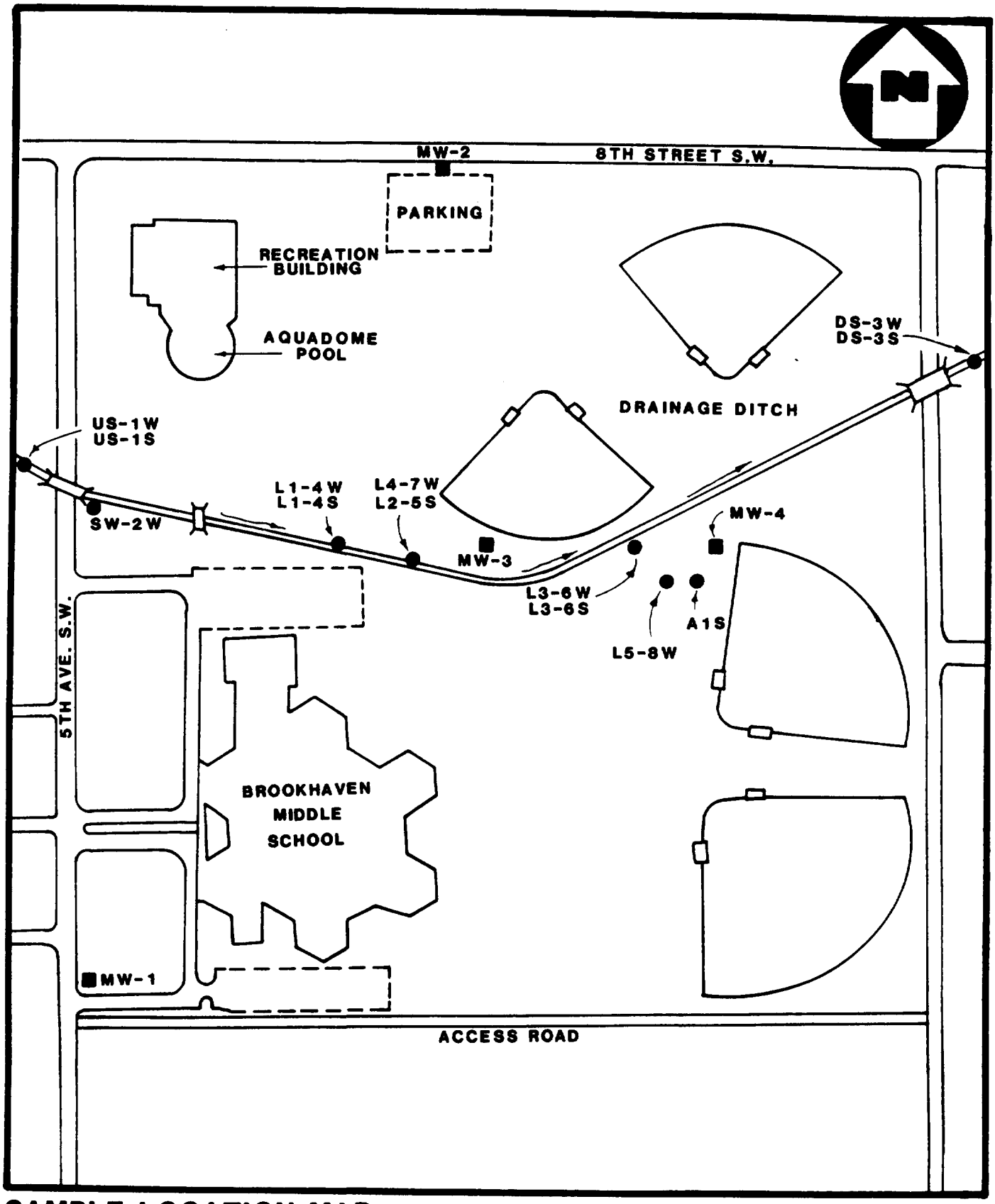


SITE DESCRIPTION MAP
AQUADOME SITE
DECATUR, ALABAMA

FIGURE 2

SCALE : 1" = APPROX. 210 FT.

NUS CORPORATION
A Halliburton Company



SAMPLE LOCATION MAP
AQUADOME SITE
DECATUR, ALABAMA

FIGURE 3

SCALE : 1" = APPROX. 210 FT.

NUS CORPORATION
A Halliburton Company

TABLE 1
AQUADOME SITE
DECATUR, ALABAMA
SAMPLE CODES AND DESCRIPTIONS

Sample Code	Description
AD-US-1W	Water sample collected from drainage ditch upstream prior to entering site.
AD-US-1S	Sediment sample collected from above location.
AD-SW-2W	Water sample collected from spring which enters drainage ditch by way of an underground pipe.
AD-DS-3W	Water sample collected from drainage ditch downstream from site.
AD-DS-3S	Sediment sample collected from above location.
AD-MW-1	Groundwater sample collected from monitoring well #1.
AD-MW-2	Groundwater sample collected from monitoring well #2.
AD-MW-3	Groundwater sample collected from monitoring well #3.
AD-MW-4	Groundwater sample collected from monitoring well #4.
AD-L1-4W	Water sample collected from leachate point #1.
AD-L1-4S	Sediment sample collected from above location.
AD-L2-5S	Sediment sample collected from leachate point #2. (Leachate points #2 and #4 are the same.)
AD-L4-7W	Water sample collected from above location. (Leachate points #2 and #4 are the same.)
AD-L3-6W	Water sample collected from leachate point #3.
AD-L3-6S	Sediment sample collected from above location.
AD-A1S	Composite soil sample collected from auger hole onsite.
AD-L5-8W	Water sample collected from leachate pool (point #5) near auger hole. Volatile organics analysis only.

TABLE 2
AQUADOME SITE
DECATUR, ALABAMA
INORGANIC ANALYSES
SOIL/SEDIMENT SAMPLES
(in ug/kg)

Element	US-1S	L1-4S	L2-5S	L3-6S	A1S	DS-3S
Silver*	-	4,500J	4,400J	-	7,200J	-
Arsenic*	-	7,500	9,100	4,700	14,000	-
Barium	57,000J	64,000J	110,000J	52,000J	210,000J	50,000J
Beryllium*	-	-	-	-	530	-
Cadmium*	-	-	4,800	-	6,700	-
Cobalt	8,100	6,700	7,600	7,400J	300J	-
Chromium*	32,000	29,000	51,000	30,000	160,000	47,000
Copper*	15,000J	11,000J	24,000	42,000J	28,000,000J	630,000J
Nickel*	7,800	5,200	9,000	-	550,000	10,000
Lead*	270,000	24,000	66,000	31,000	520,000	180,000
Tin	-	-	-	-	46,000	-
Vanadium	19,000	47,000	74,000	42,000	41,000	34,000
Zinc*	260,000	36,000	-	58,000	2,600,000	360,000
Aluminum	3,900,000	7,900,000J	11,000,000J	6,900,000J	18,000,000J	6,000,000J
Manganese	450,000J	470,000J	1,800,000J	430,000J	560,000J	490,000J
Calcium	160,000,000	4,000,000	10,000,000	4,800,000	23,000,000	85,000,000
Magnesium	3,400,000	350,000	670,000	460,000	13,000,000	1,900,000
Iron	9,500,000J	24,000,000J	40,000,000J	25,000,000	28,000,000J	24,000,000J
Sodium	-	660,000J	-	-	-	1,400,000J
Potassium	460,000	410,000	850,000	-	1,600,000	-
Mercury*	-	-	-	-	580	-

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value

TABLE 3
AQUADOME SITE
DECATUR, ALABAMA
PURGEABLE ORGANICS ANALYSES
SOIL/SEDIMENT SAMPLES
(in ug/kg)

Compound	US-1S	L1-4S	L2-5S	L3-6S	A1S	DS-3S
Trans-1,2-dichloroethene*	-	-	-	-	19	-
Benzene*	-	-	-	-	10	-
Toluene*	3,700	5J	-	-	220	-
Chlorobenzene*	-	-	-	-	72	-
Ethyl Benzene*	-	-	-	-	50	-
Total Xylenes	-	-	-	-	130	-
Acetone	-	-	-	-	290J	-
Methyl Ethyl Ketone	-	-	-	-	110	-
Carbon Disulfide	-	-	-	-	5J	-
Unidentified Compounds	-	-	-	-	7	-

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value

TABLE 4
AQUADOME SITE
DECATUR, ALABAMA
EXTRACTABLE ORGANICS ANALYSES
SOIL/SEDIMENT SAMPLES
(in ug/kg)

Compound	US-1S	L1-4S	L2-5S	L3-6S	A1S	DS-3S
Naphthalene*	-	-	-	-	13,000J	-
N-Nitrosodiphenylamine/ Diphenylamine*	-	-	-	-	22,000J	-
Phenanthrene*	540J	-	-	-	-	-
Di-N-butylphthalate*	-	-	-	-	-	590J
Fluoranthene*	860J	-	-	-	-	530J
Pyrene*	550J	-	-	-	-	-
Benzyl Butyl Phthalate*	560J	-	-	-	-	-
Bis(2-ethylhexyl)phthalate*	1,200J	500J	340J	-	-	2,400J
Benzo (A) anthracene*	320J	-	-	-	-	-
Chrysene*	430J	-	-	-	-	-
3,3'-Dichlorobenzidene*	-	-	1,500	-	-	-
Phenol*	800	-	-	-	-	-
4-Methylphenol	8,300	-	-	-	-	900J
Methylbenzene sulfonamide	-	3,000JN	-	-	-	-
Petroleum Product	N	N	-	-	N	N
Unidentified Compounds	3	-	5	-	-	5

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value
N Presumptive evidence of presence of material.

TABLE 5
AQUADOME SITE
DECATUR, ALABAMA
PESTICIDES AND PCB ANALYSES
SOIL/SEDIMENT SAMPLES
(in ug/kg)

Compound	US-1S	L1-4S	L2-5S	L3-6S	A1S	DS-3S
Dieldrin*	59	-	7J	-	-	60
Chlordane (Tech. Mixture)*	180JN	-	69JN	-	-	410JN
PCB 1254 (AROCLOR 1254)*	-	-	-	-	9,400J	-

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value
N Presumptive evidence of presence of material.

TABLE 6
AQUADOME SITE
DECATUR, ALABAMA
INORGANICS ANALYSES
WATER SAMPLES
(in ug/l)

Element	US-1W	SW-2W	L1-4W	L4-7W	MW-3	L3-6W	MW-4	DS-3W	MW-1	MW-2
Silver*	-	-	-	18J	-	5.6J	6.6J	-	5.7J	9.1J
Arsenic*	-	-	-	31	-	-	-	-	-	9.6
Barium	45J	30J	340J	600J	97J	670J	160J	28J	730J	220J
Beryllium*	-	-	-	3	-	-	0.5	-	-	-
Cadmium*	-	-	-	19	-	8	-	-	-	6.4
Cobalt	-	-	11	43	-	51	12	-	16	110
Chromium*	-	-	7.9	330	-	27	45	-	15	31
Copper*	-	-	9.6J	130J	9J	71J	30J	8.8J	8.9J	24J
Nickel*	-	-	-	53	15	9.3	22	18	13	28
Lead*	25	-	61	480	16	120	23	-	8.4	26
Vanadium	-	-	11	570	-	41	54	-	11	43
Zinc*	30	3.5	81	680	31	180	150	12	97	220
Aluminum	140J	-	2,200J	110,000J	880J	9.5J	15,000J	62J	4,200J	6,700J
Manganese	100J	24J	3,600J	6,000J	200J	5.7J	1,700J	35J	12,000J	6,100J
Calcium	80,000,000	69,000	165,000	19,000	130,000	95,000	300,000	10,000	75,000,000	43,000
Magnesium	3,800	2,600	160,000	14,000	5,500	11,000	16,000	3,100	9,700	7,900
Iron	400,000J	70J	31,000J	270,000J	1,300J	74,000J	19,000J	310J	4,100J	65,000J
Sodium	5,400J	2,100J	37,000J	38,000J	100,000J	59,000J	88,000J	2,400,000J	20,000J	42,000J
Potassium	650	760	6,500	18,000	5,200	14,000	1,700	1,400	40,000	52,000

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value

TABLE 7
AQUADOME SITE
DECATUR, ALABAMA
SUMMARY OF ORGANICS AND PESTICIDES ANALYSES**
WATER SAMPLES
(in ug/l)

Compound	US-1W	SW-2W	L1-4W	L4-7W	MW-3	L3-6W	L5-8W	MW-4	DS-3W	MW-1	MW-2
Methyl Ethyl Ketone	-	-	-	-	-	-	-	33	75	-	-
Vinyl Chloride*	-	-	-	-	-	35	-	-	-	-	-
Trans-1,2-dichloroethene*	-	-	-	-	-	50	11,000	-	8.7	-	-
Chloroform*	-	-	-	-	-	-	-	-	3J	-	-
Trichloroethene*	-	-	-	-	-	3.6J	2,200J	-	3.6J	-	-
Tetrachloroethene*	3.2J	17	-	-	-	-	-	-	2.8J	-	-
Toluene*	-	-	-	-	-	-	-	7.9	92	-	3.5J
Chlorobenzene*	-	-	-	-	-	4.9J	-	-	-	-	-
Bis (2-ethylhexyl) phthalate*	9.4J	10J	-	-	-	-	NA	-	-	-	-
Benzo (GHI) perylene*	-	-	-	9.2J	-	-	NA	-	-	-	-
Unidentified Compounds	1	1	-	-	1	-	NA	-	-	-	-
Heptachlor Epoxide*	-	0.05	-	-	-	-	-	-	0.02J	-	-
Dieldrin*	-	0.07J	-	-	-	-	-	-	0.03J	-	-

* Priority pollutant
\- Material was analyzed for but not detected.
J Estimated value
NA Not analyzed
** No PCBs were found in any water sample.

TABLE 8
AQUADOME SITE
DECATUR, ALABAMA
MONITORING WELL INFORMATION

Well Code	Well Depth - Feet	Depth to Water - Feet
MW-1 (B-4)*	25.5	10.6
MW-2 (B-1)	38.0	11.5
MW-3 (B-2)	30.0	3.6
MW-4 (B-3)	30.0	8.7

* Indicates City of Decatur well designations. FIT team assigned MW codes due to unavailability of the original codes at the time of sampling.

(Source: Soil Boring Exploration Report, August 12, 1981, Testing Inc., Decatur, Alabama. Under contract with City of Decatur, c/o Mabry Engineering Co., Inc.)

TABLE 9
AQUADOME SITE
DECATUR, ALABAMA
FIELD MEASUREMENTS OF WATER SAMPLES

Code	pH	Temp. (°C)	Conductivity (umhos/cm)*
MW-1	6.6	19	220
MW-2	6.1	18	225
MW-3	8.9	18	375
MW-4	6.8	18	675
US-1W	7.5	23	
SW-2W	6.8	20	
DS-3W	7.3	22	
L1-4W	6.9	23	
L3-6W	6.6	22	
L4-7W	-	-	
L5-8W	6.6	23.5	

* Groundwater samples only.

APPENDIX A

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

10/15/85

METALS
WATER

SAMPLE NO.: ASC 7652 SAMPLE TYPE: WATSPK

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB199 INORG SAMPLE NO.: MDB642
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: ALA

REMARKS

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

RESULTS	UNITS	COMPOUND
40UJ	UG/L	SILVER
88%	UG/L	ARSENIC
NA	UG/L	BORON
104%	UG/L	BARIUM
110%	UG/L	BERYLLIUM
113%	UG/L	CADMIUM
104%	UG/L	COBALT
113%	UG/L	CHROMIUM
110%	UG/L	COPPER
NA	UG/L	MOLYBDENUM
104%	UG/L	NICKEL
74%	UG/L	LEAD
115%	UG/L	ANTIMONY
58%	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
0%	UG/L	THALLIUM
106%	UG/L	VANADIUM
NA	UG/L	YTTRIUM
124%	UG/L	ZINC
NA	UG/L	ZIRCONIUM
64%	UG/L	MERCURY
98%	UG/L	ALUMINUM
150%	UG/L	MANGANESE
0.29U	MG/L	CALCIUM
0.33U	MG/L	MAGNESIUM
100%	MG/L	IRON
0.88UJ	MG/L	SODIUM
0.470U	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB200 INORG SAMPLE NO.: MDB643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40J	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
12UJ	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
7U	UG/L	COBALT
4U	UG/L	CHROMIUM
40J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
5U	UG/L	NICKEL
5U	UG/L	LEAD
46U	UG/L	ANTIMONY
20R	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
40R	UG/L	THALLIUM
4U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
2U	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
23UJ	UG/L	ALUMINUM
3UJ	UG/L	MANGANESE
0.290U	MG/L	CALCIUM
0.380U	MG/L	MAGNESIUM
0.011UJ	MG/L	IRON
0.880UJ	MG/L	SODIUM
0.470U	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7650 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADUNE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2276 INORG SAMPLE NO.: MDC073
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
5.7J	UG/L	SILVER
40	UG/L	ARSENIC
NA	UG/L	BORON
730J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
16	UG/L	COBALT
15	UG/L	CHROMIUM
8.9J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
13	UG/L	NICKEL
8.4	UG/L	LEAD
46U	UG/L	ANTIMONY
5UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
11	UG/L	VANADIUM
NA	UG/L	YTTRIUM
97	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
4200J	UG/L	ALUMINUM
12000J	UG/L	MANGANESE
75000	MG/L	CALCIUM
9.7	MG/L	MAGNESIUM
4.1J	MG/L	IRON
20J	MG/L	SODIUM
40	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7647 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADUME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
9.1J	UG/L	SILVER
2.6	UG/L	ARSENIC
NA	UG/L	BORON
220J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
6.4	UG/L	CADMIUM
110	UG/L	COBALT
31	UG/L	CHROMIUM
24J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
28	UG/L	NICKEL
26	UG/L	LEAD
46U	UG/L	ANTIMONY
20UR	UG/L	SELENIUM
360	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
43	UG/L	VANADIUM
NA	UG/L	YTTRIUM
220	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
6700J	UG/L	ALUMINUM
6100J	UG/L	MANGANESE
43	MG/L	CALCIUM
7.9	MG/L	MAGNESIUM
65J	MG/L	IRON
42J	MG/L	SODIUM
52	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40J	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
97J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
7U	UG/L	COBALT
4U	UG/L	CHROMIUM
9J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
15	UG/L	NICKEL
18	UG/L	LEAD
46U	UG/L	ANTIMONY
5UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
4U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
31	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
880J	UG/L	ALUMINUM
200J	UG/L	MANGANESE
130	MG/L	CALCIUM
5.5	MG/L	MAGNESIUM
1.3J	MG/L	IRON
100J	MG/L	SODIUM
5.2	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: B5C 7649 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: A HENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2275 INORG SAMPLE NO.: MDC072
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): BMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
6.6J	UG/L	SILVER
10U	UG/L	ARSENIC
NA	UG/L	BORON
160J	UG/L	BARIUM
0.5	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
12	UG/L	COBALT
45	UG/L	CHROMIUM
30J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
22	UG/L	NICKEL
23	UG/L	LEAD
46U	UG/L	ANTIMONY
20UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
54	UG/L	VANADIUM
NA	UG/L	YTTRIUM
150	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
15000J	UG/L	ALUMINUM
1700J	UG/L	MANGANESE
300	MG/L	CALCIUM
16	MG/L	MAGNESIUM
19J	MG/L	IRON
88J	MG/L	SODIUM
1.7	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7642 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2264 INORG SAMPLE NO.: MDC061
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40J	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
45J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
7U	UG/L	COBALT
4U	UG/L	CHROMIUM
40J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
5U	UG/L	NICKEL
25	UG/L	LEAD
46U	UG/L	ANTIMONY
5UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
4UR	UG/L	THALLIUM
4U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
30	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.10U	UG/L	MERCURY
140J	UG/L	ALUMINUM
100J	UG/L	MANGANESE
[illegible]	MG/L	CALCIUM
[illegible]	MG/L	MAGNESIUM
[illegible]	MG/L	IRON
5.0J	MG/L	SODIUM
0.65	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: NORWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW-2W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W N
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40UJ	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
30UJ	UG/L	BERYLLIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
7U	UG/L	COBALT
4U	UG/L	CHROMIUM
4UJ	UG/L	COPPER
NA	UG/L	MOLYBDENUM
5U	UG/L	NICKEL
5U	UG/L	LEAD
46U	UG/L	ANTIMONY
5UR	UG/L	SELENIUM
3KU	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
4U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
2.2	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
23UJ	UG/L	ALUMINUM
4UJ	UG/L	MANGANESE
[illegible]	UG/L	[illegible]
[illegible]	UG/L	[illegible]
[illegible]	UG/L	IRON
[illegible]	UG/L	SODIUM
0.760	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40J	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
28J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
7U	UG/L	COBALT
4U	UG/L	CHROMIUM
8.8J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
18	UG/L	NICKEL
2U	UG/L	LEAD
46U	UG/L	ANTIMONY
20UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
4U	UG/L	VANADIUM
NA	UG/L	YTTRIUM
12	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
62J	UG/L	ALUMINUM
35J	UG/L	MANGANESE
10	MG/L	CALCIUM
3.1	MG/L	MAGNESIUM
0.310J	MG/L	IRON
2400J	MG/L	SODIUM
1.4	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: R5C 7644 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LI-4W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
40J	UG/L	SILVER
4U	UG/L	ARSENIC
NA	UG/L	BORON
340J	UG/L	BARIUM
0.5U	UG/L	BERYLLIUM
5U	UG/L	CADMIUM
11	UG/L	COBALT
7.9	UG/L	CHROMIUM
9.6J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
5U	UG/L	NICKEL
61	UG/L	LEAD
46U	UG/L	ANTIMONY
20UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
11	UG/L	VANADIUM
NA	UG/L	YTTRIUM
81	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
2200J	UG/L	ALUMINUM
3600J	UG/L	MANGANESE
165	MG/L	CALCIUM
160	MG/L	MAGNESIUM
31J	MG/L	IRON
37J	MG/L	SODIUM
6.5	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7646 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): HMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
5.6J	UG/L	SILVER
40	UG/L	ARSENIC
NA	UG/L	BORON
670J	UG/L	BARIUM
0.5U	UG/L	BERILLIUM
8	UG/L	CADMIUM
51	UG/L	COBALT
27	UG/L	CHROMIUM
71J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
9.3	UG/L	NICKEL
120	UG/L	LEAD
46U	UG/L	ANTIMONY
50UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
41	UG/L	VANADIUM
NA	UG/L	YTTRIUM
180	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
9.5J	UG/L	ALUMINUM
5.7J	UG/L	MANGANESE
95	MG/L	CALCIUM
11	MG/L	MAGNESIUM
14J	MG/L	IRON
59J	MG/L	SODIUM
14	MG/L	POTASSIUM

****

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

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

10/15/85

METALS
WATER

SAMPLE NO.: 85C 7648 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4-7W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

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

RESULTS	UNITS	COMPOUND
10J	UG/L	SILVER
11	UG/L	ARSENIC
NA	UG/L	BORON
600J	UG/L	BARIUM
1	UG/L	BERYLLIUM
19	UG/L	CADMIUM
43	UG/L	COBALT
330	UG/L	CHROMIUM
130J	UG/L	COPPER
NA	UG/L	MOLYBDENUM
53	UG/L	NICKEL
400	UG/L	LEAD
46U	UG/L	ANTIMONY
50UR	UG/L	SELENIUM
36U	UG/L	TIN
NA	UG/L	STRONTIUM
NA	UG/L	TELLURIUM
NA	UG/L	TITANIUM
10UR	UG/L	THALLIUM
47UR	UG/L	TUNGSTEN
570	UG/L	VANADIUM
NA	UG/L	YTTRIUM
680	UG/L	ZINC
NA	UG/L	ZIRCONIUM
0.1U	UG/L	MERCURY
110000J	UG/L	ALUMINUM
6000J	UG/L	MANGANESE
19	MG/L	CALCIUM
14	MG/L	MAGNESIUM
270J	MG/L	IRON
38J	MG/L	SODIUM
1R	MG/L	POTASSIUM

****

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

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

0/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7652 SAMPLE TYPE: WATSPK

ROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
OURCE: AQUADOME SITE
ITY: DECATUR STATE: AL

TATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
TORET STATION NO:

AMPLE COLLECTION: START DATE/TIME 04/24/85
AMPLE COLLECTION: STOP DATE/TIME 00/00/00

OLLECTED BY: B HANSEN RECEIVED FROM:
AMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
EALED:

EMIST:
NALYTICAL METHOD:

ASE NO.: 4006 ORG SAMPLE NO: DB199 INORG SAMPLE NO.: MD8642
ONTRACT LABORATORY(ORGANIC): COMPUCHEM
ONTRACT LABORATORY(INORGANIC): RMAL

EMARK:
EMARK:

AMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS*

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
70%	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
58%	UG/L	1,2,4-TRICHLOROBENZENE
76%	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
65%	UG/L	ACENAPHTHYLENE
11J	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
89%	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
84%	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
74%	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
68%	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
58%	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
46%	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

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

10/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: ASC 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DR200 INORG SAMPLE NO.: MDR643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISUPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISUPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: RSC 7650 SAMPLE TYPE: MONWL

OJECT NO.: 85-060 PROGRAM ELEMENT: NSF
URCE: AQUADONE SITE
TY: DECATUR STATE: AL

ATION I.D.: AD-MW-1
ONET STATION NO:

MPLE COLLECTION: START DATE/TIME 04/24/85
MPLE COLLECTION: STOP DATE/TIME 00/00/00

LLECTED BY: B BENOZ RECEIVED FROM:
MPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
ALED:

EMIST:
ALYTICAL METHOD:

SE NO.: 4006 ORG SAMPLE NO: D2776 INORG SAMPLE NO.: MDC073
NTRACT LABORATORY(ORGANIC): COMPUCHEM
NTRACT LABORATORY(INORGANIC): RMAL

MARK:
MARK:

MPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS*

****

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

3/85

EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: ASC 7647 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: AQUADONE SITE
: DECATUR STATE: AL

ION I.D.: AD-MW-2
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/24/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

WO.: 6006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

****

OOTNOTES***
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 ESTIMATED MINIMUM QUANTITATION LIMIT.

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

13/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: NONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: ADDADONE SITE
: DECATUR STATE: AL

ION I.D.: AD-MW-3
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/24/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

****

OOTNOTES***
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 ESTIMATED MINIMUM QUANTITATION LIMIT.

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

13/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7649 SAMPLE TYPE: MONWL

JECT NO.: R5-060 PROGRAM ELEMENT: NSF
RCE: AQUADOME SITE
(: DECATUR STATE: AL

TION I.D.: AD-MW-4
RET STATION NO:

PLE COLLECTION: START DATE/TIME 04/24/85
PLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: B BENOZ RECEIVED FROM:
PLE REC'D: DATE/TIME 00/00/00 REC'D BY:
LED:

NIST:
LYTICAL METHOD:

E NO.: 4006 ORG SAMPLE NO: D2775 INORG SAMPLE NO.: MDC072
TRACT LABORATORY(ORGANIC): COMPUCHEM
TRACT LABORATORY(INORGANIC): RMAL

ARK:
ARK:

PLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS***

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

****

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

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

10/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7642 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2764 INORG SAMPLE NO.: MDC061
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
9.4J	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

10/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
OURCE: AODADOME SITE
ITY: DECATUR STATE: AL

ATION I.D.: AD-SW-2W
TORET STATION NO:

AMPLE COLLECTION: START DATE/TIME 04/23/85
MPLE COLLECTION: STOP DATE/TIME 00/00/00

LLECTED BY: B BENOZ RECEIVED FROM:
MPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
EALED:

HEMIST:
NALYTICAL METHOD:

SE NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
ITRACT LABORATORY(ORGANIC): COMPUCHEM
ITRACT LABORATORY(INORGANIC): RMAL

TANK:
ARK:

IPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS*

****

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
10J	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U.J	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

10/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: ASC 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STOREY STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

REMARKS

****

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

/23/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7644 SAMPLE TYPE: MONWL

JECT NO.: 85-060 PROGRAM ELEMENT: NSF
RCE: AQUADOME SITE
Y: DECATUR STATE: AL

ATION I.D.: AD-LI-4W
RET STATION NO:

MPLE COLLECTION: START DATE/TIME 04/23/85
PLE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B HANSEN RECEIVED FROM:
PLE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

ALIST:
ITICAL METHOD:

E NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
TRACT LABORATORY(ORGANIC): COMPUCHEM
TRACT LABORATORY(INORGANIC): RMAL

ARK:
ARK:

PLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS***

****

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

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

'3/85

EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7646 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CF: AQUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-L3-6W
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/23/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

'IST:
YTICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

****

DOTNOTES***
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 ESTIMATED MINIMUM QUANTITATION LIMIT.

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
20U	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

3/85 EXTRACTABLE ORGANIC ANALYSIS
WATER

SAMPLE NO.: 85C 7648 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: AQUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-L4-7W
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/23/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2774 INORG SAMPLE NO.: MDC071
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

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OOTNOTES***
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 ESTIMATED MINIMUM QUANTITATION LIMIT.

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

RESULTS	UNITS	COMPOUND
20U	UG/L	N-NITROSODIMETHYLAMINE
NA	UG/L	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/L	BENZIDINE
20U	UG/L	1,3-DICHLOROBENZENE
20U	UG/L	1,4-DICHLOROBENZENE
20U	UG/L	1,2-DICHLOROBENZENE
20U	UG/L	BIS(2-CHLOROETHYL) ETHER
20U	UG/L	HEXACHLOROETHANE
20U	UG/L	BIS(2-CHLOROISOPROPYL) ETHER
20U	UG/L	N-NITROSODI-N-PROPYLAMINE
20U	UG/L	NITROBENZENE
20U	UG/L	HEXACHLOROBUTADIENE
20U	UG/L	1,2,4-TRICHLOROBENZENE
20U	UG/L	NAPHTHALENE
20U	UG/L	BIS(2-CHLOROETHOXY) METHANE
20U	UG/L	ISOPHORONE
20U	UG/L	HEXACHLOROCYCLOPENTADIENE (HCCP)
20U	UG/L	2-CHLORONAPHTHALENE
20U	UG/L	ACENAPHTHYLENE
20U	UG/L	ACENAPHTHENE
20U	UG/L	DIMETHYL PHTHALATE
20U	UG/L	2,4-DINITROTOLUENE
20U	UG/L	2,6-DINITROTOLUENE
20U	UG/L	4-CHLOROPHENYL PHENYL ETHER
20U	UG/L	FLUORENE
20U	UG/L	DIETHYL PHTHALATE
20U	UG/L	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
20U	UG/L	HEXACHLOROBENZENE (HCB)
20U	UG/L	4-BROMOPHENYL PHENYL ETHER
20U	UG/L	PHENANTHRENE
20U	UG/L	ANTHRACENE
20U	UG/L	DI-N-BUTYLPHTHALATE
20U	UG/L	FLUORANTHENE
20U	UG/L	PYRENE
20U	UG/L	BENZYL BUTYL PHTHALATE
20U	UG/L	BIS(2-ETHYLHEXYL) PHTHALATE
20U	UG/L	BENZO(A)ANTHRACENE
20U	UG/L	CHRYSENE
40U	UG/L	3,3'-DICHLOROBENZIDINE
20U	UG/L	DI-N-OCTYLPHTHALATE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20U	UG/L	BENZO(B AND/OR K)FLUORANTHENE
20UJ	UG/L	BENZO-A-PYRENE
20U	UG/L	INDENO (1,2,3-CD) PYRENE
20U	UG/L	DIBENZO(A,H)ANTHRACENE
9.2J	UG/L	BENZO(GHI)PERYLENE
20U	UG/L	2-CHLOROPHENOL
20U	UG/L	2-NITROPHENOL
20U	UG/L	PHENOL
20U	UG/L	2,4-DIMETHYLPHENOL
20U	UG/L	2,4-DICHLOROPHENOL
20U	UG/L	2,4,6-TRICHLOROPHENOL
20U	UG/L	4-CHLORO-3-METHYLPHENOL
100U	UG/L	2,4-DINITROPHENOL
100U	UG/L	2-METHYL-4,6-DINITROPHENOL
100U	UG/L	PENTACHLOROPHENOL
100U	UG/L	4-NITROPHENOL

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

0/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: RSC 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

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

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB200 INORG SAMPLE NO.: MDB643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): WMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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

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

****

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

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

/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: BSC 7652 SAMPLE TYPE: WATSPK

OJECT NO.: 85-060 PROGRAM ELEMENT: NSF
URCE: AQUADOME SITE
TY: DECATUR STATE: AL

ATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
ORET STATION NO:

MPLE COLLECTION: START DATE/TIME 04/24/85
MPLE COLLECTION: STOP DATE/TIME 00/00/00

LLECTED BY: B HANSEN RECEIVED FROM:
MPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ALED:

EMIST:
ALYTICAL METHOD:

SE NO.: 4006 ORG SAMPLE NO: DB199 INORG SAMPLE NO.: MDB642
NTRACT LABORATORY(ORGANIC): COMPUCHEM
NTRACT LABORATORY(INORGANIC): RMAL

EMARK:
EMARK:

AMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS*

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

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

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE
60J	1 UNIDENTIFIED COMPOUND

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

23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7650 SAMPLE TYPE: MONWL

JECT NO.: 85-060 PROGRAM ELEMENT: NSF
RCE: AQUADOME SITE
Y: DECATUR STATE: AL

TION I.D.: AD-MW-1
RET STATION NO:

PLE COLLECTION: START DATE/TIME 04/24/85
PLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: B BENOZ RECEIVED FROM:
PLE REC'D: DATE/TIME 00/00/00 REC'D BY:
LED:

MIST:
LYTICAL METHOD:

E NO.: 4006 ORG SAMPLE NO: D2276 INORG SAMPLE NO.: MDC073
TRACT LABORATORY(ORGANIC): COMPUCHEM
TRACT LABORATORY(INORGANIC): RMAL

ARK:
ARK:

PLE LOG VERIFIED BY: PLH DATA VERIFIED BY: GKH

*REMARKS***

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

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

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

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

1/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: MONWL

CT NO.: 85-060 PROGRAM ELEMENT: NSF
E: AQUADOME SITE
: DECATUR STATE: AL

ON I.D.: AD-MW-3
T STATION NO:

E COLLECTION: START DATE/TIME 04/24/85
E COLLECTION: STOP DATE/TIME 00/00/00

CTED BY: H HENOZ RECEIVED FROM:
E REC'D: DATE,/TIME 00/00/00 REC'D BY:
D:

ST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
ACT LABORATORY(ORGANIC): COMPUCHEM
ACT LABORATORY(INORGANIC): RMAL

K:
K:

E LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

MARKS***

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

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE
40J	1 UNIDENTIFIED COMPOUND

****

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

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

3/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: RSC 7647 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: AQUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-MW-2
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/24/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAI

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

****

OOTNOTES***
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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

13/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7649 SAMPLE TYPE: MONWL

JECT NO.: 85-060 PROGRAM ELEMENT: NSF
RCE: AQUADUME SITE
(: DECATUR STATE: AL

TION I.D.: AD-MW-4
NET STATION NO:

PLE COLLECTION: START DATE/TIME 04/24/85
PLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: B BENOZ RECEIVED FROM:
PLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
LED:

NIST:
LYTICAL METHOD:

E NO.: 4006 ORG SAMPLE NO: D2275 INORG SAMPLE NO.: MDC072
TRACT LABORATORY(ORGANIC): COMPUCHEM
TRACT LABORATORY(INORGANIC): RMAI

ARK:
ARK:

PLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS***

****

FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

1/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: RSC 7642 SAMPLE TYPE: MONWL

ROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
E: AQUADOME SITE
TY: DECATUR STATE: AL

TION I.D.: AD-US-1W
T STATION NO:

E COLLECTION: START DATE/TIME 04/23/85
E COLLECTION: STOP DATE/TIME 00/00/00

CTED BY: B BENOZ RECEIVED FROM:
E REC'D: DATE,/TIME 00/00/00 REC'D BY:
D:

ST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2764 INORG SAMPLE NO.: MDC061
ACT LABORATORY(ORGANIC): COMPUCHEM
ACT LABORATORY(INORGANIC): RMAL

K:
K:

E LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

MARKS***

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE
70J	1 UNIDENTIFIED COMPOUND

****

FOOTNOTES***
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
L-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

1/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: RSC 7643 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
E: AQUADONE SITE
: DECATUR STATE: AL

ION I.D.: AD-SW-2W
T STATION NO:

E COLLECTION: START DATE/TIME 04/23/85
E COLLECTION: STOP DATE/TIME 00/00/00

CTED BY: B BENDZ RECEIVED FROM:
E REC'D: DATE,/TIME 00/00/00 REC'D BY:
D:

ST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
ACT LABORATORY(ORGANIC): COMPUCHEM
ACT LABORATORY(INORGANIC): RMAL

K:
K:

F LOG VERIFIED BY: PLB DATA VERIFIED BY: GKH

MARKS***

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OTNOTES***
-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE
80J	1 UNIDENTIFIED COMPOUND

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-D8-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALITICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: 08736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

1/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7644 SAMPLE TYPE: MONWL

CT NO.: 85-060 PROGRAM ELEMENT: NSF
E: AQUADOME SITE
. DECATUR STATE: AL

ON I.D.: AD-LI-4W
T STATION NO:

E COLLECTION: START DATE/TIME 04/23/85
E COLLECTION: STOP DATE/TIME 00/00/00

CTED BY: B HANSEN RECEIVED FROM:
E REC'D: DATE,/TIME 00/00/00 REC'D BY:
D:

ST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
ACT LABORATORY(ORGANIC): COMPUCHEM
ACT LABORATORY(INORGANIC): RMAL

K:
K:

E LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

MARKS***

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OTNOTES***
-AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

3/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: BSC 7646 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
SE: AQUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-L3-6W
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/23/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ED:

IST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: 02771 INORG SAMPLE NO.: MDC068
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

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OOTNOTES***
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 DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

3/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7648 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: AQUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-L4-7W
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/23/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

: NO.: 5006 ORG SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

NK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

EMARKS***

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
100U	BENZOIC ACID
20U	2-METHYLPHENOL
20U	4-METHYLPHENOL
100U	2,4,5-TRICHLOROPHENOL
20U	ANILINE
20U	BENZYL ALCOHOL
20U	4-CHLOROANILINE
20U	DIBENZOFURAN
20U	2-METHYL NAPHTHALENE
100U	2-NITROANILINE
100U	3-NITROANILINE
100U	4-NITROANILINE

****

OOTNOTES***
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 DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: HSC 7650 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: HSP
SOURCE: ACADEMY SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-4F-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BRADZ RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: K P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: 02276 INORG SAMPLE NO.: MDC073
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAI

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100J	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
100	UG/L	CHLOROFORM
100	UG/L	1,2-DICHLOROETHANE
100J	UG/L	1,1,1-TRICHLOROETHANE
100	UG/L	CARBON TETRACHLORIDE
100	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
100J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
100	UG/L	BENZENE
100	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYLVINYL ETHER
100J	UG/L	BROMOFORM
100	UG/L	1,1,2,2-TETRACHLOROETHANE
100	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
100	UG/L	TOLUENE
100J	UG/L	CHLOROBENZENE
100	UG/L	ETHYL BENZENE
100	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7647 SAMPLE TYPE: NORMAL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADMADORE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-7
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H BENOZ RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE ID: 02273 INORG SAMPLE NO.: RDC070
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NONE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100.1	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
100	UG/L	CHLOROFORM
100	UG/L	1,2-DICHLOROETHANE
100.1	UG/L	1,1,1-TRICHLOROETHANE
100	UG/L	CARBON TETRACHLORIDE
100	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
100.1	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
100	UG/L	BENZENE
100	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYLVINYL ETHER
100.1	UG/L	BROMOFORM
100	UG/L	1,1,2,2-TETRACHLOROETHANE
100	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
3.5.1	UG/L	TOLUENE
100.1	UG/L	CHLOROBENZENE
100	UG/L	ETHYL BENZENE
100	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
10U	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10UJ	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
10U	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
10UJ	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10UJ	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10UJ	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: BSC 7649 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADVANCHE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W B
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2275 INORG SAMPLE NO.: MDC072
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NVAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PEB SAMPLE DATA VERIFIED BY: GKH

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100J	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
100	UG/L	CHLOROFORM
100	UG/L	1,2-DICHLOROETHANE
100J	UG/L	1,1,1-TRICHLOROETHANE
100	UG/L	CARBON TETRACHLORIDE
100	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
100J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
100	UG/L	BENZENE
100	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYLVINYL ETHER
100J	UG/L	BROMOFORM
100	UG/L	1,1,2,2-TETRACHLOROETHANE
100	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
7.9	UG/L	TOLUENE
100J	UG/L	CHLOROBENZENE
100	UG/L	ETHYL BENZENE
100	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7642 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2264 INORG SAMPLE NO.: MDC061
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
10U	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10UJ	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
10U	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
10UJ	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10UJ	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
3.2J	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10UJ	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW-2W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
10U	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10U.J	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
10U	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
10U.J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10U.J	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
17	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10U.J	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: BSC 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: DSF
SOURCE: VOLATILE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: S P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100J	UG/L	METHYLENE CHLORIDE
50	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
50	UG/L	1,1-DICHLOROETHANE
8.7	UG/L	TRANS-1,2-DICHLOROETHENE
3.0J	UG/L	CHLOROFORM
50	UG/L	1,2-DICHLOROETHANE
100J	UG/L	1,1,1-TRICHLOROETHANE
50	UG/L	CARBON TETRACHLORIDE
50	UG/L	BROMODICHLOROMETHANE
50	UG/L	1,2-DICHLOROPROPANE
50	UG/L	TRANS-1,3-DICHLOROPROPENE
3.6J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
50	UG/L	BENZENE
50	UG/L	DIBROMOCHLOROMETHANE
50	UG/L	1,1,2-TRICHLOROETHANE
50	UG/L	CIS-1,3-DICHLOROPROPENE
50	UG/L	2-CHLOROETHYLVINYL ETHER
100J	UG/L	BROMOFORM
50	UG/L	1,1,2,2-TETRACHLOROETHANE
2.8J	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
97	UG/L	TOLUENE
100J	UG/L	CHLOROBENZENE
50	UG/L	ETHYL BENZENE
50	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: R5C 7644 SAMPLE TYPE: MONWL

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LI-4W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2767 INORG SAMPLE NO.: MDC064
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
10U	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10UJ	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
10U	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
10UJ	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10U	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10UJ	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: RSC 7646 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AODADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
35	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10UJ	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
50	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
3.6J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10UJ	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
4.9J	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: R5C 764M SAMPLE TYPE: MONWL

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADHADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4-74
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BERDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 1006 ORG SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NEAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLW SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
100.J	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
100	UG/L	CHLOROFORM
100	UG/L	1,2-DICHLOROETHANE
100.J	UG/L	1,1,1-TRICHLOROETHANE
100	UG/L	CARBON TETRACHLORIDE
100	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
100.J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
100	UG/L	BENZENE
100	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYLVINYL ETHER
100.J	UG/L	BROMOFORM
100	UG/L	1,1,2,2-TETRACHLOROETHANE
100	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
100	UG/L	TOLUENE
100.J	UG/L	CHLOROBENZENE
100	UG/L	ETHYL BENZENE
100	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7651 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: HSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LS-RW
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2283 INORG SAMPLE NO.: MD
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
830U	UG/L	CHLOROMETHANE
830U	UG/L	BROMOMETHANE
830U	UG/L	VINYL CHLORIDE
830U	UG/L	CHLOROETHANE
830UJ	UG/L	METHYLENE CHLORIDE
830U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
830U	UG/L	1,1-DICHLOROETHANE
11000	UG/L	TRANS-1,2-DICHLOROETHENE
830U	UG/L	CHLOROFORM
830U	UG/L	1,2-DICHLOROETHANE
830UJ	UG/L	1,1,1-TRICHLOROETHANE
830U	UG/L	CARBON TETRACHLORIDE
830U	UG/L	BROMODICHLOROMETHANE
830U	UG/L	1,2-DICHLOROPROPANE
830U	UG/L	TRANS-1,3-DICHLOROPROPENE
2200J	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
830U	UG/L	BENZENE
830U	UG/L	DIBROMOCHLOROMETHANE
830U	UG/L	1,1,2-TRICHLOROETHANE
830U	UG/L	CIS-1,3-DICHLOROPROPENE
830U	UG/L	2-CHLOROETHYLVINYL ETHER
830UJ	UG/L	BROMOFORM
830U	UG/L	1,1,2,2-TETRACHLOROETHANE
830U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
830U	UG/L	TOLUENE
830UJ	UG/L	CHLOROBENZENE
830U	UG/L	ETHYL BENZENE
830U	UG/L	TOTAL XYLENES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: 85C 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: MSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV OC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: F R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB700 INORG SAMPLE NO.: MDB643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
10U	UG/L	CHLOROMETHANE
10U	UG/L	BROMOMETHANE
10U	UG/L	VINYL CHLORIDE
10U	UG/L	CHLOROETHANE
10UJ	UG/L	METHYLENE CHLORIDE
10U	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
10U	UG/L	1,1-DICHLOROETHANE
10U	UG/L	TRANS-1,2-DICHLOROETHENE
10U	UG/L	CHLOROFORM
10U	UG/L	1,2-DICHLOROETHANE
10UJ	UG/L	1,1,1-TRICHLOROETHANE
10U	UG/L	CARBON TETRACHLORIDE
10U	UG/L	BROMODICHLOROMETHANE
10U	UG/L	1,2-DICHLOROPROPANE
10U	UG/L	TRANS-1,3-DICHLOROPROPENE
10UJ	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
10U	UG/L	BENZENE
10U	UG/L	DIBROMOCHLOROMETHANE
10U	UG/L	1,1,2-TRICHLOROETHANE
10U	UG/L	CIS-1,3-DICHLOROPROPENE
10U	UG/L	2-CHLOROETHYLVINYL ETHER
10UJ	UG/L	BROMOFORM
10U	UG/L	1,1,2,2-TETRACHLOROETHANE
10U	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
10U	UG/L	TOLUENE
10UJ	UG/L	CHLOROBENZENE
10U	UG/L	ETHYL BENZENE
10U	UG/L	TOTAL XYLENES

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
WATER

SAMPLE NO.: HSC 7652 SAMPLE TYPE: WATSPK

PROJECT NO.: H5-060 PROGRAM ELEMENT: NSF
SOURCE: ACHADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DH199 INORG SAMPLE NO.: MDB642
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NUAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/L	ACROLEIN
NA	UG/L	ACRYLONITRILE
100	UG/L	CHLOROMETHANE
100	UG/L	BROMOMETHANE
100	UG/L	VINYL CHLORIDE
100	UG/L	CHLOROETHANE
161*	UG/L	METHYLENE CHLORIDE
100	UG/L	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
100	UG/L	1,1-DICHLOROETHANE
100	UG/L	TRANS-1,2-DICHLOROETHENE
35*	UG/L	CHLOROFORM
134*	UG/L	1,2-DICHLOROETHANE
191*	UG/L	1,1,1-TRICHLOROETHANE
95*	UG/L	CARBON TETRACHLORIDE
138*	UG/L	BROMODICHLOROMETHANE
100	UG/L	1,2-DICHLOROPROPANE
100	UG/L	TRANS-1,3-DICHLOROPROPENE
377*	UG/L	TRICHLOROETHENE(TRICHLOROETHYLENE)
100	UG/L	BENZENE
86*	UG/L	DIBROMOCHLOROMETHANE
100	UG/L	1,1,2-TRICHLOROETHANE
100	UG/L	CIS-1,3-DICHLOROPROPENE
100	UG/L	2-CHLOROETHYLVINYL ETHER
215*	UG/L	BROMOFORM
100	UG/L	1,1,2,2-TETRACHLOROETHANE
23*	UG/L	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
100	UG/L	TOLUENE
218*	UG/L	CHLOROBENZENE
100	UG/L	ETHYL BENZENE
100	UG/L	TOTAL XYLENES

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7650 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2276 INORG SAMPLE NO.: MDC073
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

0/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7647 SAMPLE TYPE: MONWL

ROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
OURCE: ADDADOME SITE
ITY: DECATUR STATE: AL

TATION I.D.: AD-MW-2
TORET STATION NO:

AMPLE COLLECTION: START DATE/TIME 04/24/85
AMPLE COLLECTION: STOP DATE/TIME 00/00/00

OLLECTED BY: B BENOZ RECEIVED FROM:
AMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
EALED:

HEMIST:
NALYTICAL METHOD:

ASE NO.: 4006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
ONTRACT LABORATORY(ORGANIC): COMPUCHEM
ONTRACT LABORATORY(INORGANIC): RMAL

EMARK:
EMARK:

AMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
30UJ	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: MONWL

OJECT NO.: 85-060 PROGRAM ELEMENT: NSF
URCE: AQUADOME SITE
TY: DECATUR STATE: AL

ATION I.D.: AD-MW-3
DNET STATION NO:

MPLE COLLECTION: START DATE/TIME 04/24/85
MPLE COLLECTION: STOP DATE/TIME 00/00/00

LLECTED BY: B BENOZ RECEIVED FROM:
MPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ALED:

EMIST:
ALYTICAL METHOD:

SE NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
NTRACT LABORATORY(ORGANIC): COMPUCHEM
NTRACT LABORATORY(INORGANIC): RMAL

MARK:
MARK:

MPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKH

*REMARKS***

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*FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
200J	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7649 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2775 INORG SAMPLE NO.: MDC072
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
20UJ	ACETONE
3J	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *M-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: R5C 7642 SAMPLE TYPE: MONWL

CT NO.: 85-060 PROGRAM ELEMENT: NSF
E: AQUADOME SITE
DECATUR STATE: AL

ON I.D.: AD-U8-1W
T STATION NO:

E COLLECTION: START DATE/TIME 04/23/85
E COLLECTION: STOP DATE/TIME 00/00/00

CTED BY: R BENOZ RECEIVED FROM:
E REC'D: DATE,/TIME 00/00/00 REC'D BY:
D:

ST:
TICAL METHOD:

NO.: 4006 ORG SAMPLE NO: D2764 INORG SAMPLE NO.: MDC061
ACT LABORATORY(ORGANIC): COMPUCHEM
ACT LABORATORY(INORGANIC): RMAL

K:
K:

E LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

MARKS***

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OTNOTES***
-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
ESTIMATED VALUE *M-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

3/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: MONWL

ECT NO.: 85-060 PROGRAM ELEMENT: NSF
CE: AGUADOME SITE
: DECATUR STATE: AL

ION I.D.: AD-SW-2W
ET STATION NO:

LE COLLECTION: START DATE/TIME 04/23/85
LE COLLECTION: STOP DATE/TIME 00/00/00

ECTED BY: B BENOZ RECEIVED FROM:
LE REC'D: DATE,/TIME 00/00/00 REC'D BY:
ED:

IST:
YTICAL METHOD:

NO.: 8006 ORG SAMPLE NO: 02266 INORG SAMPLE NO.: MDC063
RACT LABORATORY(ORGANIC): COMPUCHEM
RACT LABORATORY(INORGANIC): RMAL

RK:
RK:

LE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

EMARKS***

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

OOTNOTES***
A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
20UJ	ACETONE
75	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7644 SAMPLE TYPE: MONWL

JECT NO.: 85-060 PROGRAM ELEMENT: NSF
RCE: AGGADOME SITE
Y: DECATUR STATE: AL

TION I.D.: AD-LI-4W
NET STATION NO:

PLE COLLECTION: START DATE/TIME 04/23/85
PLE COLLECTION: STOP DATE/TIME 00/00/00

LECTED BY: B HANSEN RECEIVED FROM:
PLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
LED:

MIST:
LYTICAL METHOD:

E NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
TRACT LABORATORY(ORGANIC): COMPUCHEM
TRACT LABORATORY(INORGANIC): RMAL

ARK:
ARK:

PLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS***

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES***
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

)/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7646 SAMPLE TYPE: MONWL

ROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
OURCE: AQUADOME SITE
ITY: DECATUR STATE: AL

TATION I.D.: AD-L3-6W
TORET STATION NO:

AMPLE COLLECTION: START DATE/TIME 04/23/85
AMPLE COLLECTION: STOP DATE/TIME 00/00/00

OLLECTED BY: B BENOZ RECEIVED FROM:
AMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
EALED:

EMIST:
ALYTICAL METHOD:

ASE NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
ONTRACT LABORATORY(ORGANIC): COMPUCHEM
ONTRACT LABORATORY(INORGANIC): RMAL

EMARKS:
EMARK:

AMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS*

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
20UJ	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES*
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 764A SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4-7N
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 DPC SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARKS:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
20UJ	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 765; SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LS-8W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2283 INORG SAMPLE NO.: ND
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
830U	ACETONE
830U	METHYL ETHYL KETONE
830U	CARBON DISULFIDE
830U	METHYL BUTYL KETONE
830U	METHYL ISOBUTYL KETONE
830U	STYRENE
830U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: RSC 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DR200 INORG SAMPLE NO.: MDR643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
WATER

SAMPLE NO.: 85C 7652 SAMPLE TYPE: WATSPK

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8199 INORG SAMPLE NO.: MDB642
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/L	COMPOUND NAME
10U	ACETONE
10U	METHYL ETHYL KETONE
10U	CARBON DISULFIDE
10U	METHYL BUTYL KETONE
10U	METHYL ISOBUTYL KETONE
10U	STYRENE
10U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB200 INORG SAMPLE NO.: MDR643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7652 SAMPLE TYPE: WATSPK

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB199 INORG SAMPLE NO.: MDB642
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.58	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
5.6	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7650 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2776 INORG SAMPLE NO.: MDC073
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: A5C 7649 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2775 INORG SAMPLE NO.: MDC072
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7647 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 8006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7646 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.10U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: RSC 7645 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7648 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4-7W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.10U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: RSC 7644 SAMPLE TYPE: NONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LI-4W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.05U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.05U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.05U	UG/L	PCB-1221 (AROCLOR 1221)
0.05U	UG/L	PCB-1232 (AROCLOR 1232)
0.05U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.05U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW-2W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKH

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.07J	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.10U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI-INTERFERENCES
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: ASC 7642 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-U8-1W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2264 INORG SAMPLE NO.: MDC061
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.05U	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.10U	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.10U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
WATER

SAMPLE NO.: 85C 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADONE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): AMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKA

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
0.05U	UG/L	ALDRIN
0.05U	UG/L	HEPTACHLOR
0.02J	UG/L	HEPTACHLOR EPOXIDE
0.05U	UG/L	ALPHA-BHC
0.05U	UG/L	BETA-BHC
0.05U	UG/L	GAMMA-BHC (LINDANE)
0.05U	UG/L	DELTA-BHC
0.05U	UG/L	ENDOSULFAN I (ALPHA)
0.03J	UG/L	DIELDRIN
0.10U	UG/L	4,4'-DDT (P,P'-DDT)
0.10U	UG/L	4,4'-DDE (P,P'-DDE)
0.10U	UG/L	4,4'-DDD (P,P'-DDD)
0.10U	UG/L	ENDRIN
0.10U	UG/L	ENDOSULFAN II (BETA)
0.10U	UG/L	ENDOSULFAN SULFATE
0.50U	UG/L	CHLORDANE (TECH. MIXTURE) /1
0.50U	UG/L	PCB-1242 (AROCLOR 1242)
1.0U	UG/L	PCB-1254 (AROCLOR 1254)
0.50U	UG/L	PCB-1221 (AROCLOR 1221)
0.50U	UG/L	PCB-1232 (AROCLOR 1232)
0.50U	UG/L	PCB-1248 (AROCLOR 1248)
1.0U	UG/L	PCB-1260 (AROCLOR 1260)
0.50U	UG/L	PCB-1016 (AROCLOR 1016)
1.0U	UG/L	TOXAPHENE
0.1U	UG/L	ENDRIN ALDEHYDE
NA	UG/L	2,3,7,8 TCDD(DIOXIN)
--	UG/L	CHLORDENE /2
--	UG/L	ALPHA-CHLORDENE /2
--	UG/L	GAMMA-CHLORDENE /2
--	UG/L	1-HYDROXYCHLORDENE /2
--	UG/L	GAMMA-CHLORDANE /2
--	UG/L	TRANS-NONACHLOR /2
--	UG/L	ALPHA-CHLORDANE /2
--	UG/L	CIS-NONACHLOR /2
0.50U	UG/L	METHOXYCHLOR
0.10U	UG/L	ENDRIN KETONE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
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1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.0100J	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7654 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADUME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB736 INORG SAMPLE NO.: MDC099
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7644 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LI-4W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2267 INORG SAMPLE NO.: MDC064
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NA1-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7649 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-4
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2275 INORG SAMPLE NO.: MDC072
CONTRACT LABORATORY(ORGANIC): CO4PUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.0100J	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7646 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2271 INORG SAMPLE NO.: MDC068
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
NA	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: R5C 7648 SAMPLE TYPE: MONWL

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L4-7W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R RENDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2274 INORG SAMPLE NO.: MDC071
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7642 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2264 INORG SAMPLE NO.: MDC061
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7643 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-SW-2W
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2266 INORG SAMPLE NO.: MDC063
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7653 SAMPLE TYPE: BLKWA

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-5 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB200 INORG SAMPLE NO.: MDB643
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
102%	MG/L	CYANIDE	00720

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7652 SAMPLE TYPE: WATSPK

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-WS-08 (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB199 INORG SAMPLE NO.: MUB642
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.010UJ	MG/L	CYANIDE	00720

12/11/85

SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7650 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-1
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2276 INORG SAMPLE NO.: MUC073
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.0100J	MG/L	CYANIDE	00/20

12/11/85 SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7647 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-2
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENDZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2273 INORG SAMPLE NO.: MDC070
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
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*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
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THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.0100J	MG/L	CYANIDE	00720

12/11/85

SPECIFIED ANALYSIS
WATER

SAMPLE NO.: 85C 7645 SAMPLE TYPE: MONWL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-MW-3
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BENOZ RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2270 INORG SAMPLE NO.: MDC066
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: ASC 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: A5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-18
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2265 INORG SAMPLE NO.: MDC062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
3.8UJ	MG/KG	SILVER
3.8U	MG/KG	ARSENIC
NA	MG/KG	BORON
67J	MG/KG	BARIUM
0.48U	MG/KG	BERYLLIUM
4.8U	MG/KG	CADMIUM
8.1	MG/KG	COBALT
32	MG/KG	CHROMIUM
15J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
7.8	MG/KG	NICKEL
270	MG/KG	LEAD
44U	MG/KG	ANTIMONY
4.8UR	MG/KG	SELENIUM
35U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
3.8UR	MG/KG	THALLIUM
14	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
260	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.1U	MG/KG	MERCURY
3900	MG/KG	ALUMINUM
450J	MG/KG	MANGANESE
160000	MG/KG	CALCIUM
3400	MG/KG	MAGNESIUM
9500J	MG/KG	IRON
850UJ	MG/KG	SODIUM
460	MG/KG	POTASSIUM
48	%	MOISTURE

****

FOOTNOTES
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*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-FS-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB501 INORG SAMPLE NO.: MDB645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
2.6UJ	MG/KG	SILVER
2.6U	MG/KG	ARSENIC
NA	MG/KG	BORON
7.9UJ	MG/KG	BARIUM
0.33U	MG/KG	BERYLLIUM
3.3U	MG/KG	CADMIUM
4.6U	MG/KG	COBALT
2.6U	MG/KG	CHROMIUM
13J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
3.3U	MG/KG	NICKEL
1.3U	MG/KG	LEAD
30U	MG/KG	ANTIMONY
3.3UR	MG/KG	SELENIUM
24U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
2.6U	MG/KG	THALLIUM
2.6U	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
1.7	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.07U	MG/KG	MERCURY
350J	MG/KG	ALUMINUM
2.7J	MG/KG	MANGANESE
1400	MG/KG	CALCIUM
2000	MG/KG	MAGNESIUM
170J	MG/KG	IRON
5800J	MG/KG	SODIUM
310U	MG/KG	POTASSIUM
24	%	MOISTURE

****

FOOTNOTES
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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB466 INORG SAMPLE NO.: MUC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLM SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
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*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
6.3UJ	MG/KG	SILVER
6.3U	MG/KG	ARSENIC
NA	MG/KG	BORON
50J	MG/KG	BARIUM
0.78U	MG/KG	BERYLLIUM
7.8U	MG/KG	CADMIUM
11U	MG/KG	COBALT
47	MG/KG	CHROMIUM
630J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
10	MG/KG	NICKEL
180	MG/KG	LEAD
77U	MG/KG	ANTIMONY
31UR	MG/KG	SELENIUM
56U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
6.3U	MG/KG	THALLIUM
34	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
360	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.16U	MG/KG	MERCURY
6000J	MG/KG	ALUMINUM
490J	MG/KG	MANGANESE
85000	MG/KG	CALCIUM
1900	MG/KG	MAGNESIUM
24000J	MG/KG	IRON
1400J	MG/KG	SODIUM
730U	MG/KG	POTASSIUM
68	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A15
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2277 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
7.2J	MG/KG	SILVER
14	MG/KG	ARSENIC
NA	MG/KG	BORON
210J	MG/KG	BARIUM
0.53	MG/KG	BERYLLIUM
6.7	MG/KG	CADMIUM
0.3J	MG/KG	COBALT
160	MG/KG	CHROMIUM
28000J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
550	MG/KG	NICKEL
520	MG/KG	LEAD
31U	MG/KG	ANTIMONY
14UR	MG/KG	SELENIUM
45	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
2.7UR	MG/KG	THALLIUM
41	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
2600	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.58	MG/KG	MERCURY
18000J	MG/KG	ALUMINUM
560J	MG/KG	MANGANESE
23000	MG/KG	CALCIUM
13000	MG/KG	MAGNESIUM
28000J	MG/KG	IRON
6000J	MG/KG	SODIUM
1600	MG/KG	POTASSIUM
26	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7658 SAMPLE TYPE: SEDIM

PROJECT NO.: H5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADUNE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-65
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2272 INORG SAMPLE NO.: MDC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
3.40J	MG/KG	SILVER
4.7	MG/KG	ARSENIC
NA	MG/KG	BORON
57J	MG/KG	BARIUM
0.42U	MG/KG	BERYLLIUM
1.2U	MG/KG	CADMIUM
7.4J	MG/KG	COBALT
30	MG/KG	CHROMIUM
47J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
4.2U	MG/KG	NICKEL
31	MG/KG	LEAD
39U	MG/KG	ANTIMONY
47UR	MG/KG	SELENIUM
31U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
3.4UR	MG/KG	THALLIUM
47	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
58	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.08U	MG/KG	MERCURY
6900J	MG/KG	ALUMINUM
430J	MG/KG	MANGANESE
4800	MG/KG	CALCIUM
460	MG/KG	MAGNESIUM
25000	MG/KG	IRON
750UJ	MG/KG	SODIUM
400U	MG/KG	POTASSIUM
41	%	MOISTURE

****

FOOTNOTES
*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 ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2-SS
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2269 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): HMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
4.4J	MG/KG	SILVER
9.1	MG/KG	ARSENIC
NA	MG/KG	BORON
110J	MG/KG	BARIUM
0.47U	MG/KG	BERYLLIUM
4.8	MG/KG	CADMIUM
7.6	MG/KG	COBALT
51	MG/KG	CHROMIUM
24	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
9	MG/KG	NICKEL
66	MG/KG	LEAD
43U	MG/KG	ANTIMONY
47UR	MG/KG	SELENIUM
34U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
3.8UR	MG/KG	THALLIUM
74	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
10U	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
[illegible]	[illegible]	[illegible]
11000J	MG/KG	ALUMINUM
1800J	MG/KG	MANGANESE
10000	MG/KG	CALCIUM
670	MG/KG	MAGNESIUM
40000J	MG/KG	IRON
8300J	MG/KG	SODIUM
850	MG/KG	POTASSIUM
47	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/15/85

METALS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AGUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LI-45
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W A
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D226R INORG SAMPLE NO.: MDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: ALA

REMARKS
R-QUALITY CONTROL INDICATES THAT DATA ARE UNUSEABLE
R-COMPOUND MAY OR MAY NOT BE PRESENT
R-RESAMPLING AND REANALYSIS IS NECESSARY FOR VERIFICATION

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
4.5J	MG/KG	SILVER
7.5	MG/KG	ARSENIC
NA	MG/KG	BORON
64J	MG/KG	BARIUM
0.37U	MG/KG	BERYLLIUM
3.7U	MG/KG	CADMIUM
6.7	MG/KG	COBALT
29	MG/KG	CHROMIUM
31J	MG/KG	COPPER
NA	MG/KG	MOLYBDENUM
5.2	MG/KG	NICKEL
24	MG/KG	LEAD
34U	MG/KG	ANTIMONY
3.7UR	MG/KG	SELENIUM
27U	MG/KG	TIN
NA	MG/KG	STRONTIUM
NA	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
3U	MG/KG	THALLIUM
47	MG/KG	VANADIUM
NA	MG/KG	YTTRIUM
36	MG/KG	ZINC
NA	MG/KG	ZIRCONIUM
0.08U	MG/KG	MERCURY
7900J	MG/KG	ALUMINUM
470J	MG/KG	MANGANESE
4000	MG/KG	CALCIUM
350	MG/KG	MAGNESIUM
29000J	MG/KG	IRON
660J	MG/KG	SODIUM
410	MG/KG	POTASSIUM
33	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDAMONS SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A15
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2777 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKH

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
130	UG/KG	CHLOROMETHANE
130	UG/KG	BROMOMETHANE
130	UG/KG	VINYL CHLORIDE
130	UG/KG	CHLOROETHANE
200J	UG/KG	METHYLENE CHLORIDE
6.70	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
6.70	UG/KG	1,1-DICHLOROETHANE
10	UG/KG	TRANS-1,2-DICHLOROETHENE
6.70	UG/KG	CHLOROFORM
6.70	UG/KG	1,2-DICHLOROETHANE
6.70	UG/KG	1,1,1-TRICHLOROETHANE
6.70	UG/KG	CARBON TETRACHLORIDE
6.70	UG/KG	BROMODICHLOROMETHANE
6.70	UG/KG	1,2-DICHLOROPROPANE
6.70	UG/KG	TRANS-1,3-DICHLOROPROPENE
6.70	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
10	UG/KG	BENZENE
6.70	UG/KG	DIBROMOCHLOROMETHANE
6.70	UG/KG	1,1,2-TRICHLOROETHANE
6.70	UG/KG	CIS-1,3-DICHLOROPROPENE
6.70	UG/KG	2-CHLOROETHYLVINYL ETHER
6.70J	UG/KG	BROMOFORM
6.70	UG/KG	1,1,2,2-TETRACHLOROETHANE
6.70	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
270	UG/KG	TOLUENE
72	UG/KG	CHLOROBENZENE
50	UG/KG	ETHYL BENZENE
130	UG/KG	TOTAL XYLENES
26	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ACTADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-15
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED EPDA:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: S R
ANALYTICAL METHOD:

CASE NO.: 1006 ORG SAMPLE NO: D2265 INORG SAMPLE NO.: 00C062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NONE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR SAMPLE DATA VERIFIED BY: GEB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
20000	UG/KG	CHLOROMETHANE
20000	UG/KG	BROMOMETHANE
20000	UG/KG	VINYL CHLORIDE
20000	UG/KG	CHLOROETHANE
200000	UG/KG	METHYLENE CHLORIDE
20000	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
20000	UG/KG	1,1-DICHLOROETHANE
20000	UG/KG	TRANS-1,2-DICHLOROETHENE
20000	UG/KG	CHLOROFORM
20000	UG/KG	1,2-DICHLOROETHANE
20000	UG/KG	1,1,1-TRICHLOROETHANE
20000	UG/KG	CARBON TETRACHLORIDE
20000	UG/KG	BROMODICHLOROMETHANE
20000	UG/KG	1,2-DICHLOROPROPANE
20000	UG/KG	TRANS-1,3-DICHLOROPROPENE
20000	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
20000	UG/KG	BENZENE
20000	UG/KG	DIBROMOCHLOROMETHANE
20000	UG/KG	1,1,2-TRICHLOROETHANE
20000	UG/KG	CIS-1,3-DICHLOROPROPENE
20000	UG/KG	2-CHLOROETHYLVINYL ETHER
200000	UG/KG	BROMOFORM
20000	UG/KG	1,1,2,2-TETRACHLOROETHANE
20000	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
3700	UG/KG	TOLUENE
[redacted]		
20000	UG/KG	ETHYL BENZENE
20000	UG/KG	TOTAL XYLENES
50	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED EMPIRICAL QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADIADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4006 OPG SAMPLE NO: DR165 INORG SAMPLE NO.: MDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH SAMPLE DATA VERIFIED BY: GKH

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
330	UG/KG	CHLOROMETHANE
330	UG/KG	BROMOMETHANE
330	UG/KG	VINYL CHLORIDE
330	UG/KG	CHLOROETHANE
330	UG/KG	METHYLENE CHLORIDE
330	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
330	UG/KG	1,1-DICHLOROETHANE
330	UG/KG	TRANS-1,2-DICHLOROETHENE
330	UG/KG	CHLOROFORM
330	UG/KG	1,2-DICHLOROETHANE
330	UG/KG	1,1,1-TRICHLOROETHANE
330	UG/KG	CARBON TETRACHLORIDE
330	UG/KG	BROMODICHLOROMETHANE
330	UG/KG	1,2-DICHLOROPROPANE
330	UG/KG	TRANS-1,3-DICHLOROPROPENE
330	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
330	UG/KG	BENZENE
330	UG/KG	DIBROMOCHLOROMETHANE
330	UG/KG	1,1,2-TRICHLOROETHANE
330	UG/KG	CIS-1,3-DICHLOROPROPENE
330	UG/KG	2-CHLOROETHYLVINYL ETHER
330.J	UG/KG	BROMOFORM
330	UG/KG	1,1,2,2-TETRACHLOROETHANE
330	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
330	UG/KG	TOLUENE
330	UG/KG	CHLOROBENZENE
330	UG/KG	ETHYL BENZENE
330	UG/KG	TOTAL XYLENES
70	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7661 SAMPLE TYPE: REPSOIL

PROJECT NO.: R5-060 PROGRAM ELEMENT: HSF
SOURCE: ADDADOSE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-ES-OR (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: W HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 1006 ORG SAMPLE NO: D4501 INORG SAMPLE NO.: M00645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAT

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR SAMPLE DATA VERIFIED BY: GFR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
110	UG/KG	CHLOROMETHANE
110	UG/KG	BROMOMETHANE
110	UG/KG	VINYL CHLORIDE
110	UG/KG	CHLOROETHANE
90B1	UG/KG	METHYLENE CHLORIDE
110	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
110	UG/KG	1,1-DICHLOROETHANE
110	UG/KG	TRANS-1,2-DICHLOROETHENE
110	UG/KG	CHLOROFORM
110	UG/KG	1,2-DICHLOROETHANE
110	UG/KG	1,1,1-TRICHLOROETHANE
110	UG/KG	CARBON TETRACHLORIDE
110	UG/KG	BROMODICHLOROMETHANE
110	UG/KG	1,2-DICHLOROPROPANE
110	UG/KG	TRANS-1,3-DICHLOROPROPENE
110	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
110	UG/KG	BENZENE
110	UG/KG	DIBROMOCHLOROMETHANE
110	UG/KG	1,1,2-TRICHLOROETHANE
110	UG/KG	CIS-1,3-DICHLOROPROPENE
110	UG/KG	2-CHLOROETHYLVINYL ETHER
110U	UG/KG	BROMOFORM
110	UG/KG	1,1,2,2-TETRACHLOROETHANE
110	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
110	UG/KG	TOLUENE
110	UG/KG	CHLOROBENZENE
110	UG/KG	ETHYL BENZENE
110	UG/KG	TOTAL XYLENES
14	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED SYSTEM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: DSF
SOURCE: ACADEMY SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-11-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 1006 ORG SAMPLE NO: D226R INORG SAMPLE NO.: MDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR SAMPLE DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
200	UG/KG	CHLOROMETHANE
200	UG/KG	BROMOMETHANE
200	UG/KG	VINYL CHLORIDE
200	UG/KG	CHLOROETHANE
200.1	UG/KG	METHYLENE CHLORIDE
200	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
200	UG/KG	1,1-DICHLOROETHANE
200	UG/KG	TRANS-1,2-DICHLOROETHENE
200	UG/KG	CHLOROFORM
200	UG/KG	1,2-DICHLOROETHANE
200	UG/KG	1,1,1-TRICHLOROETHANE
200	UG/KG	CARBON TETRACHLORIDE
200	UG/KG	BROMODICHLOROMETHANE
200	UG/KG	1,2-DICHLOROPROPANE
200	UG/KG	TRANS-1,3-DICHLOROPROPENE
200	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
200	UG/KG	BENZENE
200	UG/KG	DIBROMOCHLOROMETHANE
200	UG/KG	1,1,2-TRICHLOROETHANE
200	UG/KG	CIS-1,3-DICHLOROPROPENE
200	UG/KG	2-CHLOROETHYLVINYL ETHER
200.1	UG/KG	BROMOFORM
200	UG/KG	1,1,2,2-TETRACHLOROETHANE
200	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
5.1	UG/KG	TOLUENE
200	UG/KG	CHLOROBENZENE
200	UG/KG	ETHYL BENZENE
200	UG/KG	TOTAL XYLENES
50	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 95C 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADRADORE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-02-SS
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HAUSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W B
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2269 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKH

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
220	UG/KG	CHLOROMETHANE
220	UG/KG	BROMOMETHANE
220	UG/KG	VINYL CHLORIDE
220	UG/KG	CHLOROETHANE
220	UG/KG	METHYLENE CHLORIDE
220	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
220	UG/KG	1,1-DICHLOROETHANE
220	UG/KG	TRANS-1,2-DICHLOROETHENE
220	UG/KG	CHLOROFORM
220	UG/KG	1,2-DICHLOROETHANE
220	UG/KG	1,1,1-TRICHLOROETHANE
220	UG/KG	CARBON TETRACHLORIDE
220	UG/KG	BROMODICHLOROMETHANE
220	UG/KG	1,2-DICHLOROPROPANE
220	UG/KG	TRANS-1,3-DICHLOROPROPENE
220	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
220	UG/KG	BENZENE
220	UG/KG	DIBROMOCHLOROMETHANE
220	UG/KG	1,1,2-TRICHLOROETHANE
220	UG/KG	CIS-1,3-DICHLOROPROPENE
220	UG/KG	2-CHLOROETHYLVINYL ETHER
2200	UG/KG	BROMOFORM
220	UG/KG	1,1,2,2-TETRACHLOROETHANE
220	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
220	UG/KG	TOLUENE
220	UG/KG	CHLOROBENZENE
220	UG/KG	ETHYL BENZENE
220	UG/KG	TOTAL XYLENES
55	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: HSC 7658 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADVANCED SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-65
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2272 INORG SAMPLE NO.: MOC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB SAMPLE DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
NA	UG/KG	ACROLEIN
NA	UG/KG	ACRYLONITRILE
200	UG/KG	CHLOROMETHANE
200	UG/KG	BROMOMETHANE
200	UG/KG	VINYL CHLORIDE
200	UG/KG	CHLOROETHANE
200	UG/KG	METHYLENE CHLORIDE
200	UG/KG	1,1-DICHLOROETHENE(1,1-DICHLOROETHYLENE)
200	UG/KG	1,1-DICHLOROETHANE
200	UG/KG	TRANS-1,2-DICHLOROETHENE
200	UG/KG	CHLOROFORM
200	UG/KG	1,2-DICHLOROETHANE
200	UG/KG	1,1,1-TRICHLOROETHANE
200	UG/KG	CARBON TETRACHLORIDE
200	UG/KG	BROMODICHLOROMETHANE
200	UG/KG	1,2-DICHLOROPROPANE
200	UG/KG	TRANS-1,3-DICHLOROPROPENE
200	UG/KG	TRICHLOROETHENE(TRICHLOROETHYLENE)
200	UG/KG	BENZENE
200	UG/KG	DIBROMOCHLOROMETHANE
200	UG/KG	1,1,2-TRICHLOROETHANE
200	UG/KG	CIS-1,3-DICHLOROPROPENE
200	UG/KG	2-CHLOROETHYLVINYL ETHER
200J	UG/KG	BROMOFORM
200	UG/KG	1,1,2,2-TETRACHLOROETHANE
200	UG/KG	TETRACHLOROETHENE(TETRACHLOROETHYLENE)
200	UG/KG	TOLUENE
200	UG/KG	CHLOROBENZENE
200	UG/KG	ETHYL BENZENE
200	UG/KG	TOTAL XYLENES
50	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: HSC 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: HS-060 PROGRAM ELEMENT: NSF
SOURCE: ANDERSON SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-35
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: A HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8166 INORG SAMPLE NO.: NDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAI

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: GKO

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
330	ACETONE
330	METHYL ETHYL KETONE
330	CARBON DISULFIDE
330	METHYL BUTYL KETONE
330	METHYL ISOBUTYL KETONE
330	STYRENE
330	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: MSC 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ABANDONED SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L1-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 DPG SAMPLE NO: D2768 INORG SAMPLE NO.: MDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
400J	ACETONE
200	METHYL ETHYL KETONE
200	CARBON DISULFIDE
200	METHYL BUTYL KETONE
200	METHYL ISOBUTYL KETONE
200	STYRENE
200	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ACHADOKE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-ES-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMISI:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB501 INORG SAMPLE NO.: MDB645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
400J	ACETONE
11U	METHYL ETHYL KETONE
11U	CARBON DISULFIDE
11U	METHYL BUTYL KETONE
11U	METHYL ISOBUTYL KETONE
11U	STYRENE
11U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADDAMSOAE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2265 INORG SAMPLE NO.: MDC062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
30000.J	ACETONE
20000	METHYL ETHYL KETONE
20000	CARBON DISULFIDE
20000	METHYL BUTYL KETONE
20000	METHYL ISOBUTYL KETONE
20000	STYRENE
20000	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2277 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2900J	ACETONE
110	METHYL ETHYL KETONE
5.0J	CARBON DISULFIDE
130	METHYL BUTYL KETONE
130	METHYL ISOBUTYL KETONE
130	STYRENE
130	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE
9000J	7 UNIDENTIFIED COMPOUNDS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7662 SAMPLE TYPE: SOILSPK

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADMADOSE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L5-9S (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DR502 INORG SAMPLE NO.: MD
CONTRACT LABORATORY(ORGANIC): CORROCHEM
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
3900	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
3900	UG/KG	1,3-DICHLOROBENZENE
3900	UG/KG	1,4-DICHLOROBENZENE
3900	UG/KG	1,2-DICHLOROBENZENE
3900	UG/KG	BIS(2-CHLOROETHYL) ETHER
3900	UG/KG	HEXACHLOROETHANE
3900	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
3900	UG/KG	N-NITROSODI-N-PROPYLAMINE
3900	UG/KG	NITROBENZENE
3900	UG/KG	HEXACHLOROBUTADIENE
58%	UG/KG	1,2,4-TRICHLOROBENZENE
76%	UG/KG	NAPHTHALENE
3900	UG/KG	BIS(2-CHLOROETHOXY) METHANE
3900	UG/KG	ISOPHORONE
3900	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
3900	UG/KG	2-CHLORONAPHTHALENE
65%	UG/KG	ACENAPHTHYLENE
420	UG/KG	ACENAPHTHENE
3900	UG/KG	DIMETHYL PHTHALATE
3900	UG/KG	2,4-DINITROTOLUENE
3900	UG/KG	2,6-DINITROTOLUENE
3900	UG/KG	4-CHLOROPHENYL PHENYL ETHER
3900	UG/KG	FLUORENE
3900	UG/KG	DIETHYL PHTHALATE
70%	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
3900	UG/KG	HEXACHLOROBENZENE (HCB)
3900	UG/KG	4-BROMOPHENYL PHENYL ETHER
89%	UG/KG	PHENANTHRENE
3900	UG/KG	ANTHRACENE
3900	UG/KG	DI-N-BUTYLPHTHALATE
84%	UG/KG	FLUORANTHENE
3900	UG/KG	PYRENE
3900	UG/KG	BENZYL BUTYL PHTHALATE
74%	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
3900	UG/KG	BENZO(A)ANTHRACENE
3900	UG/KG	CHRYSENE
7800	UG/KG	3,3'-DICHLOROBENZIDINE
3900	UG/KG	DI-N-OCTYLPHTHALATE
3900	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
3900	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
3900	UG/KG	BENZO-A-PYRENE
3900	UG/KG	INDENO (1,2,3-CD) PYRENE
3900	UG/KG	DIBENZO(A,H)ANTHRACENE
3900	UG/KG	BENZO(GHI)PERYLENE
3900	UG/KG	2-CHLOROPHENOL
3900	UG/KG	2-NITROPHENOL
3900	UG/KG	PHENOL
69%	UG/KG	2,4-DIMETHYLPHENOL
3900	UG/KG	2,4-DICHLOROPHENOL
58%	UG/KG	2,4,6-TRICHLOROPHENOL
3900	UG/KG	4-CHLORO-3-METHYLPHENOL
19000	UG/KG	2,4-DINITROPHENOL
46%	UG/KG	2-METHYL-4,6-DINITROPHENOL
19000	UG/KG	PENTACHLOROPHENOL
19000	UG/KG	4-NITROPHENOL
13	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADDIAE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A15
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 RECD BY:
SEALED:

CHECLIST:
ANALYTICAL METHOD:

CASE NO.: 4606 OPG SAMPLE NO: D2277 IHOPG SAMPLE NO.: 4DC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NONE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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FOOT-NOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
270000	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
270000	UG/KG	1,3-DICHLOROBENZENE
270000	UG/KG	1,4-DICHLOROBENZENE
270000	UG/KG	1,2-DICHLOROBENZENE
270000	UG/KG	BIS(2-CHLOROETHYL) ETHER
270000	UG/KG	HEXACHLOROETHANE
270000	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
270000	UG/KG	N-NITROSODI-N-PROPYLAMINE
270000	UG/KG	NITROBENZENE
270000	UG/KG	HEXACHLOROBUTADIENE
270000	UG/KG	1,2,4-TRICHLOROBENZENE
130000J	UG/KG	NAPHTHALENE
270000	UG/KG	BIS(2-CHLOROETHOXY) METHANE
270000	UG/KG	ISOPHORONE
270000	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
270000	UG/KG	2-CHLORONAPHTHALENE
270000	UG/KG	ACENAPHTHYLENE
270000	UG/KG	ACENAPHTHENE
270000	UG/KG	DIMETHYL PHTHALATE
270000	UG/KG	2,4-DINITROTOLUENE
270000	UG/KG	2,6-DINITROTOLUENE
270000	UG/KG	4-CHLOROPHENYL PHENYL ETHER
270000	UG/KG	FLUORENE
270000	UG/KG	DIETHYL PHTHALATE
270000	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
270000	UG/KG	HEXACHLOROBENZENE (HCB)
270000	UG/KG	4-BROMOPHENYL PHENYL ETHER
270000	UG/KG	PHENANTHRENE
270000	UG/KG	ANTHRACENE
270000	UG/KG	DI-N-BUTYLPHTHALATE
270000	UG/KG	FLUORANTHENE
270000	UG/KG	PYRENE
270000	UG/KG	BENZYL BUTYL PHTHALATE
270000	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
270000	UG/KG	BENZO(A)ANTHRACENE
270000	UG/KG	CHRYSENE
540000	UG/KG	3,3'-DICHLOROBENZIDINE
270000	UG/KG	DI-N-OCTYLPHTHALATE
270000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
270000	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
270000J	UG/KG	BENZO-A-PYRENE
270000	UG/KG	INDENO (1,2,3-CD) PYRENE
270000	UG/KG	DIBENZO(A,H)ANTHRACENE
270000	UG/KG	BENZO(GHI)PERYLENE
270000	UG/KG	2-CHLOROPHENOL
270000	UG/KG	2-NITROPHENOL
270000	UG/KG	PHENOL
270000	UG/KG	2,4-DIMETHYLPHENOL
270000	UG/KG	2,4-DICHLOROPHENOL
270000	UG/KG	2,4,6-TRICHLOROPHENOL
270000	UG/KG	4-CHLORO-3-METHYLPHENOL
1400000	UG/KG	2,4-DINITROPHENOL
1400000	UG/KG	2-METHYL-4,6-DINITROPHENOL
1400000	UG/KG	PENTACHLOROPHENOL
1400000	UG/KG	4-NITROPHENOL
26	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: RS-060 PROGRAM ELEMENT: OSF
SOURCE: [illegible] SITE
CITY: [illegible] STATE: AL

STATION I.D.: A3-RS-15
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: [illegible] RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: 02265 INORG SAMPLE NO.: [illegible]
CONTRACT LABORATORY(ORGANIC): [illegible]
CONTRACT LABORATORY(INORGANIC): [illegible]

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: GKR

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LEVEL.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
670U	UG/KG	N-NITROSODIMETHYLAMINE
6A	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
6A	UG/KG	BENZIDINE
670U	UG/KG	1,3-DICHLOROBENZENE
670U	UG/KG	1,4-DICHLOROBENZENE
670U	UG/KG	1,2-DICHLOROBENZENE
670U	UG/KG	BIS(2-CHLOROETHYL) ETHER
670U	UG/KG	HEXACHLOROETHANE
670U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
670U	UG/KG	N-NITROSODI-N-PROPYLAMINE
670U	UG/KG	NITROBENZENE
670U	UG/KG	HEXACHLOROBUTADIENE
670U	UG/KG	1,2,4-TRICHLOROBENZENE
670U	UG/KG	NAPHTHALENE
670U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
670U	UG/KG	ISOPHORONE
670U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
670U	UG/KG	2-CHLORONAPHTHALENE
670U	UG/KG	ACENAPHTHYLENE
670U	UG/KG	ACENAPHTHENE
670U	UG/KG	DIMETHYL PHTHALATE
670U	UG/KG	2,4-DINITROTOLUENE
670U	UG/KG	2,6-DINITROTOLUENE
670U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
670U	UG/KG	FLUORENE
670U	UG/KG	DIETHYL PHTHALATE
670U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
670U	UG/KG	HEXACHLOROBENZENE (HCB)
670U	UG/KG	4-BROMOPHENYL PHENYL ETHER
540J	UG/KG	PHENANTHRENE
670U	UG/KG	ANTHRACENE
670U	UG/KG	DI-N-BUTYLPHTHALATE
860J	UG/KG	FLUORANTHENE
550J	UG/KG	PYRENE
560J	UG/KG	BENZYL BUTYL PHTHALATE
1200J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
320J	UG/KG	BENZO(A)ANTHRACENE
430J	UG/KG	CHRYSENE
1300U	UG/KG	3,3'-DICHLOROBENZIDINE
670U	UG/KG	DI-N-OCTYLPHTHALATE
670U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
670U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
670UJ	UG/KG	BENZO-A-PYRENE
670U	UG/KG	INDENO (1,2,3-CD) PYRENE
670U	UG/KG	DIBENZO(A,H)ANTHRACENE
670U	UG/KG	BENZO(GHI)PERYLENE
670U	UG/KG	2-CHLOROPHENOL
670U	UG/KG	2-NITROPHENOL
800	UG/KG	PHENOL
670U	UG/KG	2,4-DIMETHYLPHENOL
670U	UG/KG	2,4-DICHLOROPHENOL
670U	UG/KG	2,4,6-TRICHLOROPHENOL
670U	UG/KG	4-CHLORO-3-METHYLPHENOL
34000U	UG/KG	2,4-DINITROPHENOL
34000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
34000U	UG/KG	PENTACHLOROPHENOL
34000U	UG/KG	4-NITROPHENOL
59	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R5C 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADRIFE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AC-DS-3S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DR466 INORG SAMPLE NO.: MDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKD

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
1100U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
1100U	UG/KG	1,3-DICHLOROBENZENE
1100U	UG/KG	1,4-DICHLOROBENZENE
1100U	UG/KG	1,2-DICHLOROBENZENE
1100U	UG/KG	BIS(2-CHLOROETHYL) ETHER
1100U	UG/KG	HEXACHLOROETHANE
1100U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
1100U	UG/KG	N-NITROSODI-N-PROPYLAMINE
1100U	UG/KG	NITROBENZENE
1100U	UG/KG	HEXACHLOROBUTADIENE
1100U	UG/KG	1,2,4-TRICHLOROBENZENE
1100U	UG/KG	NAPHTHALENE
1100U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
1100U	UG/KG	ISOPHORONE
1100U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
1100U	UG/KG	2-CHLORONAPHTHALENE
1100U	UG/KG	ACENAPHTHYLENE
1100U	UG/KG	ACENAPHTHENE
1100U	UG/KG	DIMETHYL PHTHALATE
1100U	UG/KG	2,4-DINITROTOLUENE
1100U	UG/KG	2,6-DINITROTOLUENE
1100U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
1100U	UG/KG	FLUORENE
1100U	UG/KG	DIETHYL PHTHALATE
1100U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
1100U	UG/KG	HEXACHLOROBENZENE (HCB)
1100U	UG/KG	4-BROMOPHENYL PHENYL ETHER
1100UJ	UG/KG	PHENANTHRENE
1100U	UG/KG	ANTHRACENE
590J	UG/KG	DI-N-BUTYLPHTHALATE
530J	UG/KG	FLUORANTHENE
1100U	UG/KG	PYRENE
1100U	UG/KG	BENZYL BUTYL PHTHALATE
2400J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
1100U	UG/KG	BENZO(A)ANTHRACENE
1100U	UG/KG	CHRYSENE
1100U	UG/KG	3,3'-DICHLOROBENZIDINE
1100U	UG/KG	DI-N-OCTYLPHTHALATE
1100U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1100U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
1100UJ	UG/KG	BENZO-A-PYRENE
1100U	UG/KG	INDENO (1,2,3-CD) PYRENE
1100U	UG/KG	DIBENZO(A,H)ANTHRACENE
1100U	UG/KG	BENZO(GHI)PERYLENE
1100U	UG/KG	2-CHLOROPHENOL
1100U	UG/KG	2-NITROPHENOL
1100U	UG/KG	PHENOL
1100U	UG/KG	2,4-DIMETHYLPHENOL
1100U	UG/KG	2,4-DICHLOROPHENOL
1100U	UG/KG	2,4,6-TRICHLOROPHENOL
1100U	UG/KG	4-CHLORO-3-METHYLPHENOL
5600U	UG/KG	2,4-DINITROPHENOL
5600U	UG/KG	2-METHYL-4,6-DINITROPHENOL
5600U	UG/KG	PENTACHLOROPHENOL
5600U	UG/KG	4-NITROPHENOL
70	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: RS-060 PROGRAM ELEMENT: MSF
SOURCE: ADIRONDAK SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L1-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE RECD: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 1006 ORG SAMPLE NO: D2268 INORG SAMPLE NO.: XDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

DEARAS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM CONCENTRATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
6800	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
6800	UG/KG	1,3-DICHLOROBENZENE
6800	UG/KG	1,4-DICHLOROBENZENE
6800	UG/KG	1,2-DICHLOROBENZENE
6800	UG/KG	BIS(2-CHLOROETHYL) ETHER
6800	UG/KG	HEXACHLOROETHANE
6800	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
6800	UG/KG	N-NITROSODI-N-PROPYLAMINE
6800	UG/KG	NITROBENZENE
6800	UG/KG	HEXACHLOROBUTADIENE
6800	UG/KG	1,2,4-TRICHLOROBENZENE
6800	UG/KG	NAPHTHALENE
6800	UG/KG	BIS(2-CHLOROETHOXY) METHANE
6800	UG/KG	ISOPHORONE
6800	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
6800	UG/KG	2-CHLORONAPHTHALENE
6800	UG/KG	ACENAPHTHYLENE
6800	UG/KG	ACENAPHTHENE
6800	UG/KG	DIMETHYL PHTHALATE
6800	UG/KG	2,4-DINITROTOLUENE
6800	UG/KG	2,6-DINITROTOLUENE
6800	UG/KG	4-CHLOROPHENYL PHENYL ETHER
6800	UG/KG	FLUORENE
6800	UG/KG	DIETHYL PHTHALATE
6800	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
6800	UG/KG	HEXACHLOROBENZENE (HCB)
6800	UG/KG	4-BROMOPHENYL PHENYL ETHER
6800J	UG/KG	PHENANTHRENE
6800	UG/KG	ANTHRACENE
6800	UG/KG	DI-N-BUTYLPHTHALATE
6800J	UG/KG	FLUORANTHENE
6800	UG/KG	PYRENE
6800	UG/KG	BENZYL BUTYL PHTHALATE
5000J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
6800	UG/KG	BENZO(A)ANTHRACENE
6800	UG/KG	CHRYSENE
14000	UG/KG	3,3'-DICHLOROBENZIDINE
6800	UG/KG	DI-N-OCTYLPHTHALATE
6800	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6800	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6800J	UG/KG	BENZO-A-PYRENE
6800	UG/KG	INDENO (1,2,3-CD) PYRENE
6800	UG/KG	DIBENZO(A,H)ANTHRACENE
6800	UG/KG	BENZO(GHI)PERYLENE
6800	UG/KG	2-CHLOROPHENOL
6800	UG/KG	2-NITROPHENOL
6800	UG/KG	PHENOL
6800	UG/KG	2,4-DIMETHYLPHENOL
6800	UG/KG	2,4-DICHLOROPHENOL
6800	UG/KG	2,4,6-TRICHLOROPHENOL
6800	UG/KG	4-CHLORO-3-METHYLPHENOL
34000	UG/KG	2,4-DINITROPHENOL
34000	UG/KG	2-METHYL-4,6-DINITROPHENOL
34000	UG/KG	PENTACHLOROPHENOL
34000	UG/KG	4-NITROPHENOL
50	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: BSC 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADVADORE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2-SS
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B BADSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 3005 OEG SAMPLE NO: D2269 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
740U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
740U	UG/KG	1,3-DICHLOROBENZENE
740U	UG/KG	1,4-DICHLOROBENZENE
740U	UG/KG	1,2-DICHLOROBENZENE
740U	UG/KG	BIS(2-CHLOROETHYL) ETHER
740U	UG/KG	HEXACHLOROETHANE
740U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
740U	UG/KG	N-NITROSODI-N-PROPYLAMINE
740U	UG/KG	NITROBENZENE
740U	UG/KG	HEXACHLOROBUTADIENE
740U	UG/KG	1,2,4-TRICHLOROBENZENE
740U	UG/KG	NAPHTHALENE
740U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
740U	UG/KG	ISOPHORONE
740U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
740U	UG/KG	2-CHLORONAPHTHALENE
740U	UG/KG	ACENAPHTHYLENE
740U	UG/KG	ACENAPHTHENE
740U	UG/KG	DIMETHYL PHTHALATE
740U	UG/KG	2,4-DINITROTOLUENE
740U	UG/KG	2,6-DINITROTOLUENE
740U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
740U	UG/KG	FLUORENE
740U	UG/KG	DIETHYL PHTHALATE
740U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
740U	UG/KG	HEXACHLOROBENZENE (HCB)
740UJ	UG/KG	4-BROMOPHENYL PHENYL ETHER
740U	UG/KG	PHENANTHRENE
740U	UG/KG	ANTHRACENE
740UJ	UG/KG	DI-N-BUTYLPHTHALATE
740U	UG/KG	FLUORANTHENE
740U	UG/KG	PYRENE
740U	UG/KG	BENZYL BUTYL PHTHALATE
340J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
740U	UG/KG	BENZO(A)ANTHRACENE
740U	UG/KG	CHRYSENE
1500	UG/KG	3,3'-DICHLOROBENZIDINE
740U	UG/KG	DI-N-OCTYLPHTHALATE
740U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
740U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
740UJ	UG/KG	BENZO-A-PYRENE
740U	UG/KG	INDENO (1,2,3-CD) PYRENE
740U	UG/KG	DIBENZO(A,H)ANTHRACENE
740U	UG/KG	BENZO(GHI)PERYLENE
740U	UG/KG	2-CHLOROPHENOL
740U	UG/KG	2-NITROPHENOL
740U	UG/KG	PHENOL
740U	UG/KG	2,4-DIMETHYLPHENOL
740U	UG/KG	2,4-DICHLOROPHENOL
740U	UG/KG	2,4,6-TRICHLOROPHENOL
740U	UG/KG	4-CHLORO-3-METHYLPHENOL
3700U	UG/KG	2,4-DINITROPHENOL
3700U	UG/KG	2-METHYL-4,6-DINITROPHENOL
3700U	UG/KG	PENTACHLOROPHENOL
3700U	UG/KG	4-NITROPHENOL
55	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 765R SAMPLE TYPE: SEDIM

PROJECT NO.: RS-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADDAF SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-RS
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: 02272 INORG SAMPLE NO.: MEC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NONE

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: MEB DATA VERIFIED BY: GEB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
6800	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
6800	UG/KG	1,3-DICHLOROBENZENE
6800	UG/KG	1,4-DICHLOROBENZENE
6800	UG/KG	1,2-DICHLOROBENZENE
6800	UG/KG	BIS(2-CHLOROETHYL) ETHER
6800	UG/KG	HEXACHLOROETHANE
6800	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
6800	UG/KG	N-NITROSODI-N-PROPYLAMINE
6800	UG/KG	NITROBENZENE
6800	UG/KG	HEXACHLOROBUTADIENE
6800	UG/KG	1,2,4-TRICHLOROBENZENE
6800	UG/KG	NAPHTHALENE
6800	UG/KG	BIS(2-CHLOROETHOXY) METHANE
6800	UG/KG	ISOPHORONE
6800	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
6800	UG/KG	2-CHLORONAPHTHALENE
6800	UG/KG	ACENAPHTHYLENE
6800	UG/KG	ACENAPHTHENE
6800	UG/KG	DIMETHYL PHTHALATE
6800	UG/KG	2,4-DINITROTOLUENE
6800	UG/KG	2,6-DINITROTOLUENE
6800	UG/KG	4-CHLOROPHENYL PHENYL ETHER
6800	UG/KG	FLUORENE
6800	UG/KG	DIETHYL PHTHALATE
6800	UG/KG	N-NITROSODIPHENLYAMINE/DIPHENYLAMINE
6800	UG/KG	HEXACHLOROBENZENE (HCB)
6800	UG/KG	4-BROMOPHENYL PHENYL ETHER
6800J	UG/KG	PHENANTHRENE
6800	UG/KG	ANTHRACENE
6800	UG/KG	DI-N-BUTYLPHTHALATE
6800J	UG/KG	FLUORANTHENE
6800	UG/KG	PYRENE
6800	UG/KG	BENZYL BUTYL PHTHALATE
6800J	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
6800	UG/KG	BENZO(A)ANTHRACENE
6800	UG/KG	CHRYSENE
6800	UG/KG	3,3'-DICHLOROBENZIDINE
6800	UG/KG	DI-N-OCTYLPHTHALATE
6800	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6800	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
6800J	UG/KG	BENZO-A-PYRENE
6800	UG/KG	INDENO (1,2,3-CD) PYRENE
6800	UG/KG	DIBENZO(A,H)ANTHRACENE
6800	UG/KG	BENZO(GHI)PERYLENE
6800	UG/KG	2-CHLOROPHENOL
6800	UG/KG	2-NITROPHENOL
6800	UG/KG	PHENOL
6800	UG/KG	2,4-DIMETHYLPHENOL
6800	UG/KG	2,4-DICHLOROPHENOL
6800	UG/KG	2,4,6-TRICHLOROPHENOL
6800	UG/KG	4-CHLORO-3-METHYLPHENOL
34000	UG/KG	2,4-DINITROPHENOL
34000	UG/KG	2-METHYL-4,6-DINITROPHENOL
34000	UG/KG	PENTACHLOROPHENOL
34000	UG/KG	4-NITROPHENOL
50	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

10/23/85

EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADIADONE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-FS-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8501 INORG SAMPLE NO.: MDR645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
390U	UG/KG	N-NITROSODIMETHYLAMINE
NA	UG/KG	1,2-DIPHENYLHYDRAZINE/AZOBENZENE
NA	UG/KG	BENZIDINE
390U	UG/KG	1,3-DICHLOROBENZENE
390U	UG/KG	1,4-DICHLOROBENZENE
390U	UG/KG	1,2-DICHLOROBENZENE
390U	UG/KG	BIS(2-CHLOROETHYL) ETHER
390U	UG/KG	HEXACHLOROETHANE
390U	UG/KG	BIS(2-CHLOROISOPROPYL) ETHER
390U	UG/KG	N-NITROSODI-N-PROPYLAMINE
390U	UG/KG	NITROBENZENE
390U	UG/KG	HEXACHLOROBUTADIENE
390U	UG/KG	1,2,4-TRICHLOROBENZENE
390U	UG/KG	NAPHTHALENE
390U	UG/KG	BIS(2-CHLOROETHOXY) METHANE
390U	UG/KG	ISOPHORONE
390U	UG/KG	HEXACHLOROCYCLOPENTADIENE (HCCP)
390U	UG/KG	2-CHLORONAPHTHALENE
390U	UG/KG	ACENAPHTHYLENE
390U	UG/KG	ACENAPHTHENE
390U	UG/KG	DIMETHYL PHTHALATE
390U	UG/KG	2,4-DINITROTOLUENE
390U	UG/KG	2,6-DINITROTOLUENE
390U	UG/KG	4-CHLOROPHENYL PHENYL ETHER
390U	UG/KG	FLUORENE
390U	UG/KG	DIETHYL PHTHALATE
390U	UG/KG	N-NITROSODIPHENYLAMINE/DIPHENYLAMINE
390U	UG/KG	HEXACHLOROBENZENE (HCB)
390U	UG/KG	4-BROMOPHENYL PHENYL ETHER
390UJ	UG/KG	PHENANTHRENE
390U	UG/KG	ANTHRACENE
390U	UG/KG	DI-N-BUTYLPHTHALATE
390UJ	UG/KG	FLUORANTHENE
390U	UG/KG	PYRENE
390U	UG/KG	BENZYL BUTYL PHTHALATE
390UJ	UG/KG	BIS(2-ETHYLHEXYL) PHTHALATE
390U	UG/KG	BENZO(A)ANTHRACENE
390U	UG/KG	CHRYSENE
780U	UG/KG	3,3'-DICHLOROBENZIDINE
390U	UG/KG	DI-N-OCTYLPHTHALATE
390U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
390U	UG/KG	BENZO(B AND/OR K)FLUORANTHENE
390U	UG/KG	BENZO-A-PYRENE
390U	UG/KG	INDENO (1,2,3-CD) PYRENE
390U	UG/KG	DIBENZO(A,H)ANTHRACENE
390U	UG/KG	BENZO(GHI)PERYLENE
390U	UG/KG	2-CHLOROPHENOL
390U	UG/KG	2-NITROPHENOL
390U	UG/KG	PHENOL
390U	UG/KG	2,4-DIMETHYLPHENOL
390U	UG/KG	2,4-DICHLOROPHENOL
390U	UG/KG	2,4,6-TRICHLOROPHENOL
390U	UG/KG	4-CHLORO-3-METHYLPHENOL
2000U	UG/KG	2,4-DINITROPHENOL
2000U	UG/KG	2-METHYL-4,6-DINITROPHENOL
2000U	UG/KG	PENTACHLOROPHENOL
2000U	UG/KG	4-NITROPHENOL
14	%	MOISTURE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-FS-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB501 INORG SAMPLE NO.: MDB645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
2000U	BENZOIC ACID
390U	2-METHYLPHENOL
390U	4-METHYLPHENOL
2000U	2,4,5-TRICHLOROPHENOL
390U	ANILINE
390U	BENZYL ALCOHOL
390U	4-CHLOROANILINE
390U	DIBENZOFURAN
390U	2-METHYL NAPHTHALENE
2000U	2-NITROANILINE
2000U	3-NITROANILINE
2000U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7662 SAMPLE TYPE: SOILSPK

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AO-L5-9S (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB502 INORG SAMPLE NO.: MD
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
1900U	BENZOIC ACID
390U	2-METHYLPHENOL
390U	4-METHYLPHENOL
1400J	2,4,5-TRICHLOROPHENOL
390U	ANILINE
390U	BENZYL ALCOHOL
390U	4-CHLOROANILINE
390U	DIBENZOFURAN
390U	2-METHYL NAPHTHALENE
1900U	2-NITROANILINE
1900U	3-NITROANILINE
1900U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADIADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2765 INORG SAMPLE NO.: MDC062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
3400U	BENZOIC ACID
670U	2-METHYLPHENOL
8300	4-METHYLPHENOL
3400U	2,4,5-TRICHLOROPHENOL
670U	ANILINE
670U	BENZYL ALCOHOL
670U	4-CHLOROANILINE
670U	DIBENZOFURAN
670U	2-METHYL NAPHTHALENE
3400U	2-NITROANILINE
3400U	3-NITROANILINE
3400U	4-NITROANILINE
10000J	3 UNIDENTIFIED COMPOUNDS
N	PETROLEUM PRODUCT

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L1-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D276R INORG SAMPLE NO.: MDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
3400U	BENZOIC ACID
680U	2-METHYLPHENOL
680U	4-METHYLPHENOL
3400U	2,4,5-TRICHLOROPHENOL
680U	ANILINE
680U	BENZYL ALCOHOL
680U	4-CHLOROANILINE
680U	DIBENZOFURAN
680U	2-METHYL NAPHTHALENE
3400U	2-NITROANILINE
3400U	3-NITROANILINE
3400U	4-NITROANILINE
3000JN	METHYLBENZENESULFONAMIDE
N	PETROLEUM PRODUCT

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L2-S8
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2769 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARKS:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
3700U	BENZOIC ACID
740U	2-METHYLPHENOL
740U	4-METHYLPHENOL
3700U	2,4,5-TRICHLOROPHENOL
740U	ANILINE
740U	BENZYL ALCOHOL
740U	4-CHLOROANILINE
740U	DIBENZOFURAN
740U	2-METHYL NAPHTHALENE
3700U	2-NITROANILINE
3700U	3-NITROANILINE
3700U	4-NITROANILINE
3000J	5 UNIDENTIFIED COMPOUNDS

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7658 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-68
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2772 INORG SAMPLE NO.: MDC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
3400U	BENZOIC ACID
680U	2-METHYLPHENOL
680U	4-METHYLPHENOL
3400U	2,4,5-TRICHLOROPHENOL
680U	ANILINE
680U	BENZYL ALCOHOL
680U	4-CHLOROANILINE
680U	DIBENZOFURAN
680U	2-METHYL NAPHTHALENE
3400U	2-NITROANILINE
3400U	3-NITROANILINE
3400U	4-NITROANILINE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG.IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, HISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A18
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2277 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
140000U	BENZOIC ACID
27000U	2-METHYLPHENOL
27000U	4-METHYLPHENOL
140000U	2,4,5-TRICHLOROPHENOL
27000U	ANILINE
27000U	BENZYL ALCOHOL
27000U	4-CHLOROANILINE
27000U	DIBENZOFURAN
27000U	2-METHYL NAPHTHALENE
140000U	2-NITROANILINE
140000U	3-NITROANILINE
140000U	4-NITROANILINE
N	PETROLEUM PRODUCT

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 EXTRACTABLE ORGANIC ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE,/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB466 INORG SAMPLE NO.: MDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
5600U	BENZOIC ACID
1100U	2-METHYLPHENOL
900J	4-METHYLPHENOL
5600U	2,4,5-TRICHLOROPHENOL
1100U	ANILINE
1100U	BENZYL ALCOHOL
1100U	4-CHLOROANILINE
1100U	DIBENZOFURAN
1100U	2-METHYL NAPHTHALENE
5600U	2-NITROANILINE
5600U	3-NITROANILINE
5600U	4-NITROANILINE
20000J	5 UNIDENTIFIED COMPOUNDS
N	PETROLEUM PRODUCT

****

FOOTNOTES
*A=AVERAGE VALUE *NA=NOT ANALYZED *NAI=INTERFERENCES
*J=ESTIMATED VALUE *N=PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K=ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L=ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U=MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: DSF
SOURCE: ADUABOGE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2277 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
3200	UG/KG	ALDRIN
3200	UG/KG	HEPTACHLOR
3200	UG/KG	HEPTACHLOR EPOXIDE
3200	UG/KG	ALPHA-BHC
3200	UG/KG	BETA-BHC
3200	UG/KG	GAMMA-BHC (LINDANE)
3200	UG/KG	DELTA-BHC
3200	UG/KG	ENDOSULFAN I (ALPHA)
6500	UG/KG	DIELDRIN
6500	UG/KG	4,4'-DDT (P,P'-DDT)
6500	UG/KG	4,4'-DDE (P,P'-DDE)
6500	UG/KG	4,4'-DDD (P,P'-DDD)
6500	UG/KG	ENDRIN
6500	UG/KG	ENDOSULFAN II (BETA)
6500	UG/KG	ENDOSULFAN SULFATE
32000	UG/KG	CHLORDANE (TECH. MIXTURE) /1
32000	UG/KG	PCB-1242 (AROCLOR 1242)
9400J	UG/KG	PCB-1254 (AROCLOR 1254)
32000	UG/KG	PCB-1221 (AROCLOR 1221)
32000	UG/KG	PCB-1232 (AROCLOR 1232)
32000	UG/KG	PCB-1248 (AROCLOR 1248)
65000	UG/KG	PCB-1260 (AROCLOR 1260)
32000	UG/KG	PCB-1016 (AROCLOR 1016)
65000	UG/KG	TOXAPHENE
6500	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
32000	UG/KG	METHOXYCHLOR
6500	UG/KG	ENDRIN KETONE
26	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADONE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2265 INORG SAMPLE NO.: MDC062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
4.00	UG/KG	ALDRIN
4.00	UG/KG	HEPTACHLOR
4.00	UG/KG	HEPTACHLOR EPOXIDE
4.00	UG/KG	ALPHA-BHC
4.00	UG/KG	BETA-BHC
4.00	UG/KG	GAMMA-BHC (LINDANE)
4.00	UG/KG	DELTA-BHC
4.00	UG/KG	ENDOSULFAN I (ALPHA)
50	UG/KG	DIELDRIN
8.00	UG/KG	4,4'-DDT (P,P'-DDT)
8.00	UG/KG	4,4'-DDE (P,P'-DDE)
8.00	UG/KG	4,4'-DDD (P,P'-DDD)
8.00	UG/KG	ENDRIN
8.00	UG/KG	ENDOSULFAN II (BETA)
8.00	UG/KG	ENDOSULFAN SULFATE
180JN	UG/KG	CHLORDANE (TECH. MIXTURE) /1
400	UG/KG	PCB-1242 (AROCLOR 1242)
800J	UG/KG	PCB-1254 (AROCLOR 1254)
400	UG/KG	PCB-1221 (AROCLOR 1221)
400	UG/KG	PCB-1232 (AROCLOR 1232)
400	UG/KG	PCB-1248 (AROCLOR 1248)
800	UG/KG	PCB-1260 (AROCLOR 1260)
400	UG/KG	PCB-1016 (AROCLOR 1016)
800	UG/KG	TOXAPHENE
8.00	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
400	UG/KG	METHOXYCHLOR
8.00	UG/KG	ENDRIN KETONE
50	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *K-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: R5C 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: MONALOOSE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-35
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4066 ORG SAMPLE NO: D8466 INORG SAMPLE NO.: MDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: GKR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	
130	UG/KG	ALDRIN	
130	UG/KG	HEPTACHLOR	
130	UG/KG	HEPTACHLOR EPOXIDE	
130	UG/KG	ALPHA-BHC	
130	UG/KG	BETA-BHC	
130	UG/KG	GAMMA-BHC (LINDANE)	
130	UG/KG	DELTA-BHC	
130	UG/KG	ENDOSULFAN I (ALPHA)	
60	UG/KG	DIELDRIN	
260	UG/KG	4,4'-DDT (P,P'-DDT)	
260	UG/KG	4,4'-DDE (P,P'-DDE)	
260	UG/KG	4,4'-DDD (P,P'-DDD)	
260	UG/KG	ENDRIN	
260	UG/KG	ENDOSULFAN II (BETA)	
260	UG/KG	ENDOSULFAN SULFATE	
4100	UG/KG	CHLORDANE (TECH. MIXTURE)	/1
1300	UG/KG	PCB-1242 (AROCLOR 1242)	
2600J	UG/KG	PCB-1254 (AROCLOR 1254)	
1300	UG/KG	PCB-1221 (AROCLOR 1221)	
1300	UG/KG	PCB-1232 (AROCLOR 1232)	
1300	UG/KG	PCB-1248 (AROCLOR 1248)	
2600	UG/KG	PCB-1260 (AROCLOR 1260)	
1300	UG/KG	PCB-1016 (AROCLOR 1016)	
2600	UG/KG	TOXAPHENE	
260	UG/KG	ENDRIN ALDEHYDE	
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)	
--	UG/KG	CHLORDENE	/2
--	UG/KG	ALPHA-CHLORDENE	/2
--	UG/KG	GAMMA-CHLORDENE	/2
--	UG/KG	1-HYDROXYCHLORDENE	/2
--	UG/KG	GAMMA-CHLORDANE	/2
--	UG/KG	TRANS-NONACHLOR	/2
--	UG/KG	ALPHA-CHLORDANE	/2
--	UG/KG	CIS-NONACHLOR	/2
1300	UG/KG	METHOXYCHLOR	
260	UG/KG	ENDRIN KETONE	
70	%	MOISTURE	

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *IAT-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADUADOUE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L1-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2268 INORG SAMPLE NO.: MDC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
4.00	UG/KG	ALDRIN
4.00	UG/KG	HEPTACHLOR
4.00	UG/KG	HEPTACHLOR EPOXIDE
4.00	UG/KG	ALPHA-BHC
4.00	UG/KG	BETA-BHC
4.00	UG/KG	GAMMA-BHC (LINDANE)
4.00	UG/KG	DELTA-BHC
4.00	UG/KG	ENDOSULFAN I (ALPHA)
8.00	UG/KG	DIELDRIN
8.00	UG/KG	4,4'-DDT (P,P'-DDT)
8.00	UG/KG	4,4'-DDE (P,P'-DDE)
8.00	UG/KG	4,4'-DDD (P,P'-DDD)
8.00	UG/KG	ENDRIN
8.00	UG/KG	ENDOSULFAN II (BETA)
8.00	UG/KG	ENDOSULFAN SULFATE
400	UG/KG	CHLORDANE (TECH. MIXTURE) /1
400	UG/KG	PCB-1242 (AROCLOR 1242)
800J	UG/KG	PCB-1254 (AROCLOR 1254)
400	UG/KG	PCB-1221 (AROCLOR 1221)
400	UG/KG	PCB-1232 (AROCLOR 1232)
400	UG/KG	PCB-1248 (AROCLOR 1248)
800	UG/KG	PCB-1260 (AROCLOR 1260)
400	UG/KG	PCB-1016 (AROCLOR 1016)
800	UG/KG	TOXAPHENE
8.00	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
400	UG/KG	METHOXYCHLOR
8.00	UG/KG	ENDRIN KETONE
50	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: RS-060 PROGRAM ELEMENT: PSF
SOURCE: ABANDONED SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-02-SS
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: M E
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2269 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GAR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	
4.40	UG/KG	ALDRIN	
4.40	UG/KG	HEPTACHLOR	
4.40	UG/KG	HEPTACHLOR EPOXIDE	
4.40	UG/KG	ALPHA-BHC	
4.40	UG/KG	BETA-BHC	
4.40	UG/KG	GAMMA-BHC (LINDANE)	
4.40	UG/KG	DELTA-BHC	
4.40	UG/KG	ENDOSULFAN I (ALPHA)	
7.00	UG/KG	DIELDRIN	
8.80	UG/KG	4,4'-DDT (P,P'-DDT)	
8.80	UG/KG	4,4'-DDE (P,P'-DDE)	
8.80	UG/KG	4,4'-DDD (P,P'-DDD)	
8.80	UG/KG	ENDRIN	
8.80	UG/KG	ENDOSULFAN II (BETA)	
8.80	UG/KG	ENDOSULFAN SULFATE	
880	UG/KG	CHLORDANE (TECH. MIXTURE)	/1
440	UG/KG	PCB-1242 (AROCLOR 1242)	
880	UG/KG	PCB-1254 (AROCLOR 1254)	
440	UG/KG	PCB-1221 (AROCLOR 1221)	
440	UG/KG	PCB-1232 (AROCLOR 1232)	
440	UG/KG	PCB-1248 (AROCLOR 1248)	
880	UG/KG	PCB-1260 (AROCLOR 1260)	
440	UG/KG	PCB-1016 (AROCLOR 1016)	
880	UG/KG	TOXAPHENE	
8.80	UG/KG	ENDRIN ALDEHYDE	
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)	
--	UG/KG	CHLORDENE	/2
--	UG/KG	ALPHA-CHLORDENE	/2
--	UG/KG	GAMMA-CHLORDENE	/2
--	UG/KG	1-HYDROXYCHLORDENE	/2
--	UG/KG	GAMMA-CHLORDANE	/2
--	UG/KG	TRANS-NONACHLOR	/2
--	UG/KG	ALPHA-CHLORDANE	/2
--	UG/KG	CIS-NONACHLOR	/2
440	UG/KG	METHOXYCHLOR	
8.80	UG/KG	ENDRIN KETONE	
55	%	MOISTURE	

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. DDE: NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7658 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: CSF
SOURCE: ACUADUCT SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-03-65
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W P
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2772 INORG SAMPLE NO.: MDC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
4.00	UG/KG	ALDRIN
4.00	UG/KG	HEPTACHLOR
4.00	UG/KG	HEPTACHLOR EPOXIDE
4.00	UG/KG	ALPHA-BHC
4.00	UG/KG	BETA-BHC
4.00	UG/KG	GAMMA-BHC (LINDANE)
4.00	UG/KG	DELTA-BHC
4.00	UG/KG	ENDOSULFAN I (ALPHA)
8.00	UG/KG	DIELDRIN
8.00	UG/KG	4,4'-DDT (P,P'-DDT)
8.00	UG/KG	4,4'-DDE (P,P'-DDE)
8.00	UG/KG	4,4'-DDD (P,P'-DDD)
8.00	UG/KG	ENDRIN
8.00	UG/KG	ENDOSULFAN II (BETA)
8.00	UG/KG	ENDOSULFAN SULFATE
400	UG/KG	CHLORDANE (TECH. MIXTURE) /1
400	UG/KG	PCB-1242 (AROCLOR 1242)
8000	UG/KG	PCB-1254 (AROCLOR 1254)
400	UG/KG	PCB-1221 (AROCLOR 1221)
400	UG/KG	PCB-1232 (AROCLOR 1232)
400	UG/KG	PCB-1248 (AROCLOR 1248)
800	UG/KG	PCB-1260 (AROCLOR 1260)
400	UG/KG	PCB-1016 (AROCLOR 1016)
800	UG/KG	TOXAPHENE
8.00	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
400	UG/KG	METHOXYCHLOR
8.00	UG/KG	ENDRIN KETONE
50	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. NO VALUE IS REPORTED. SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: HSC 7662 SAMPLE TYPE: SOILSPK

PROJECT NO.: 45-060 PROGRAM ELEMENT: HSF
SOURCE: ADVANCED SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-LS-9S (REGION IV QC SPIKE)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: F8502 INORG SAMPLE NO.: ND
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC):

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND
2.30	UG/KG	ALDRIN
2.30	UG/KG	HEPTACHLOR
2.30	UG/KG	HEPTACHLOR EPOXIDE
2.30	UG/KG	ALPHA-BHC
2.30	UG/KG	BETA-BHC
100*	UG/KG	GAMMA-BHC (LINDANE)
2.30	UG/KG	DELTA-BHC
2.30	UG/KG	ENDOSULFAN I (ALPHA)
4.60	UG/KG	DIELDRIN
4.60	UG/KG	4,4'-DDT (P,P'-DDT)
4.60	UG/KG	4,4'-DDE (P,P'-DDE)
4.60	UG/KG	4,4'-DDD (P,P'-DDD)
4.60	UG/KG	ENDRIN
4.60	UG/KG	ENDOSULFAN II (BETA)
4.60	UG/KG	ENDOSULFAN SULFATE
230	UG/KG	CHLORDANE (TECH. MIXTURE) /1
230	UG/KG	PCB-1242 (AROCLOR 1242)
175*	UG/KG	PCB-1254 (AROCLOR 1254)
230	UG/KG	PCB-1221 (AROCLOR 1221)
230	UG/KG	PCB-1232 (AROCLOR 1232)
230	UG/KG	PCB-1248 (AROCLOR 1248)
460	UG/KG	PCB-1260 (AROCLOR 1260)
230	UG/KG	PCB-1016 (AROCLOR 1016)
460	UG/KG	TOXAPHENE
4.60	UG/KG	ENDRIN ALDEHYDE
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)
--	UG/KG	CHLORDENE /2
--	UG/KG	ALPHA-CHLORDENE /2
--	UG/KG	GAMMA-CHLORDENE /2
--	UG/KG	1-HYDROXYCHLORDENE /2
--	UG/KG	GAMMA-CHLORDANE /2
--	UG/KG	TRANS-NONACHLOR /2
--	UG/KG	ALPHA-CHLORDANE /2
--	UG/KG	CIS-NONACHLOR /2
230	UG/KG	METHOXYCHLOR
4.60	UG/KG	ENDRIN KETONE
13	%	MOISTURE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *INT-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PESTICIDES/PCB'S AND OTHER CHLORINATED COMPOUNDS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADDUE SITE
CITY: LEEDS STATE: AL

STATION I.D.: AD-ES-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: W HAUSER RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W F
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D8501 INORG SAMPLE NO.: MD8645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): NUAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLW DATA VERIFIED BY: GKB

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *INT-INTERFERENCES
*J-ESTIMATED VALUE *U-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.
1. WHEN NO VALUE IS REPORTED, SEE CHLORDANE CONSTITUENTS.
2. CONSTITUENTS OR METABOLITES OF TECHNICAL CHLORDANE.

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	COMPOUND	
2.30	UG/KG	ALDRIN	
2.30	UG/KG	HEPTACHLOR	
2.30	UG/KG	HEPTACHLOR EPOXIDE	
2.30	UG/KG	ALPHA-BHC	
2.30	UG/KG	BETA-BHC	
2.30	UG/KG	GAMMA-BHC (LINDANE)	
2.30	UG/KG	DELTA-BHC	
2.30	UG/KG	ENDOSULFAN I (ALPHA)	
4.60	UG/KG	DIELDRIN	
4.60	UG/KG	4,4'-DDT (P,P'-DDT)	
4.60	UG/KG	4,4'-DDE (P,P'-DDE)	
4.60	UG/KG	4,4'-DDD (P,P'-DDD)	
4.60	UG/KG	ENDRIN	
4.60	UG/KG	ENDOSULFAN II (BETA)	
4.60	UG/KG	ENDOSULFAN SULFATE	
230	UG/KG	CHLORDANE (TECH. MIXTURE)	/1
230	UG/KG	PCB-1242 (AROCLOR 1242)	
4600	UG/KG	PCB-1254 (AROCLOR 1254)	
230	UG/KG	PCB-1221 (AROCLOR 1221)	
230	UG/KG	PCB-1232 (AROCLOR 1232)	
230	UG/KG	PCB-1248 (AROCLOR 1248)	
460	UG/KG	PCB-1260 (AROCLOR 1260)	
230	UG/KG	PCB-1016 (AROCLOR 1016)	
460	UG/KG	TOXAPHENE	
4.60	UG/KG	ENDRIN ALDEHYDE	
NA	UG/KG	2,3,7,8 TCDD(DIOXIN)	
--	UG/KG	CHLORDENE	/2
--	UG/KG	ALPHA-CHLORDENE	/2
--	UG/KG	GAMMA-CHLORDENE	/2
--	UG/KG	1-HYDROXYCHLORDENE	/2
--	UG/KG	GAMMA-CHLORDANE	/2
--	UG/KG	TRANS-NONACHLOR	/2
--	UG/KG	ALPHA-CHLORDANE	/2
--	UG/KG	CIS-NONACHLOR	/2
230	UG/KG	METHOXYCHLOR	
4.60	UG/KG	ENDRIN KETONE	
14	%	MOISTURE	

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.940J	NG/EG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AOJADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-G2-5S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2769 INORG SAMPLE NO.: MDC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.8500	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7658 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADONE SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2272 INORG SAMPLE NO.: MDC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.6800J	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7659 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-A1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2277 INORG SAMPLE NO.: MDC074
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
1.6UJ	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7660 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-DS-3S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: H HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB466 INORG SAMPLE NO.: MDC100
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: RWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.660J	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7661 SAMPLE TYPE: BLKSOIL

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-FS-08 (REGION IV QC BLANK)
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/24/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: DB501 INORG SAMPLE NO.: MDB645
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: PWK

REMARKS

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FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.960J	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7655 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-US-1S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2265 INORG SAMPLE NO.: MDC062
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

*****ANALYTICAL RESULTS*****

RESULTS	UNITS	PARAMETER	STORET
0.7500	MG/KG	CYANIDE	00721

12/11/85

SPECIFIED ANALYSIS
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 7656 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: AQUADOME SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L1-4S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: B HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST: W R CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D226R INORG SAMPLE NO.: HUC065
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLH DATA VERIFIED BY: RWK

REMARKS

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 85C 7657 SAMPLE TYPE: SEDIM

PROJECT NO.: 85-060 PROGRAM ELEMENT: NSF
SOURCE: ADJACENT SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-12-55
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: S HANSEN RECEIVED FROM:
SAMPLE RECD: DATE,/TIME 00/00/00 RECD BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: D2269 INORG SAMPLE NO.: MLC067
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLR DATA VERIFIED BY: GAR

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
220	ACETONE
220	METHYL ETHYL KETONE
220	CARBON DISULFIDE
220	METHYL BUTYL KETONE
220	METHYL ISOBUTYL KETONE
220	STYRENE
220	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *P-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD,REG IV
ATHENS GEORGIA

10/23/85 PURGEABLE ORGANICS ANALYSIS, MISC
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: RSC 765R SAMPLE TYPE: SEDIM

PROJECT NO.: R5-060 PROGRAM ELEMENT: NSF
SOURCE: ADDADDOF SITE
CITY: DECATUR STATE: AL

STATION I.D.: AD-L3-6S
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 04/23/85
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00

COLLECTED BY: R HANSEN RECEIVED FROM:
SAMPLE REC'D: DATE/TIME 00/00/00 REC'D BY:
SEALED:

CHEMIST:
ANALYTICAL METHOD:

CASE NO.: 4006 ORG SAMPLE NO: 02272 INORG SAMPLE NO.: MDC069
CONTRACT LABORATORY(ORGANIC): COMPUCHEM
CONTRACT LABORATORY(INORGANIC): RMAL

REMARK:
REMARK:

SAMPLE LOG VERIFIED BY: PLB DATA VERIFIED BY: GKB

REMARKS

*****ANALYTICAL RESULTS*****

RESULTS IN: UG/KG	COMPOUND NAME
20U	ACETONE
20U	METHYL ETHYL KETONE
20U	CARBON DISULFIDE
20U	METHYL BUTYL KETONE
20U	METHYL ISOBUTYL KETONE
20U	STYRENE
20U	VINYL ACETATE
NA	DICHLORODIFLUOROMETHANE
NA	FLUOROTRICHLOROMETHANE

****

FOOTNOTES
*A-AVERAGE VALUE *NA-NOT ANALYZED *NAI-INTERFERENCES
*J-ESTIMATED VALUE *N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

United States
Environmental Protection
Agency

Office of Emergency and
Remedial Response
Washington, DC 20460

EPA Form 2070-13
July, 1981

AQUADOME SITE DECATUR, AL MORGAN COUNTY
TDD No. F4-8504-02 ID No. ALD980842512

EPA

Potential Hazardous Waste Site

Site Inspection Report

Site Inspection Report

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842512

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
AQUADOME SITE	1501 5th Ave., S.W.

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
DECATUR	AL	35601	MORGAN	103	05

09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHIP (Check one)
34N 35' 30"	86W 59' 30"	☐ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☑ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION (Month Day Year)	02 SITE STATUS	03 YEARS OF OPERATION
4, 22, 85	☐ ACTIVE ☑ INACTIVE	approx. 1944 (Beginning Year) 1964 (Ending Year) ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☑ B. EPA CONTRACTOR NUS Corporation (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ___ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR ___ (Name of firm) ☐ G. OTHER ___ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO
BARBARA HANSEN BENOY	PROJECT MANAGER	NUS Corp.	(404) 938-7710

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
PHIL BLACKWELL	TEAM MEMBER	"	( ) "
DOUG MUNSON	"	"	( ) "
BOB DONAGHUE	"	"	( ) "
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
BILL DUKES	MAYOR	CITY HALL, DECATUR	(205) 355-7410
JOEL PUGH	CITY ENGINEER	MABRY ENGINEERING	(205) 353-3937
		1740 5th Ave., S.E.	( )
		DECATUR, AL 35602	( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☑ PERMISSION ☐ WARRANT	755 hrs.	75°F - clear, sunny

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO
CAMILLA WARREN	EPA-REGION IV - ATLANTA, GA	(404) 347-2034

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE (Month Day Year)
KATHARINE FENLEY	-	NUS CORP.	404/938-7710	04, 02, 86

EPA FORM 2070-13 (7-81)

FORM UPDATED - KATHARINE FENLEY 4/2/86

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842512

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- ☑ A. SOLID
- ☐ B. POWDER, FINES
- ☐ C. SLUDGE
- ☐ D. OTHER _____ (Specify)
- ☐ E. SLURRY
- ☑ F. LIQUID
- ☑ G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS unknown
CUBIC YARDS unknown
NO. OF DRUMS unknown

03 WASTE CHARACTERISTICS (Check all that apply)

- ☑ A. TOXIC
- ☐ B. CORROSIVE
- ☐ C. RADIOACTIVE
- ☑ D. PERSISTENT
- ☑ E. SOLUBLE
- ☐ F. INFECTIOUS
- ☐ G. FLAMMABLE
- ☐ H. IGNITABLE
- ☐ I. HIGHLY VOLATILE
- ☑ J. EXPLOSIVE
- ☑ K. REACTIVE
- ☐ L. INCOMPATIBLE
- ☐ M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			FIT IV Sampling investigation indicated the presence of these contaminants. EPA files indicate the presence of methane gas.
OLW	OILY WASTE			
SOL	SOLVENTS	unknown		
PSD	PESTICIDES	unknown		
OCC	OTHER ORGANIC CHEMICALS	unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	unknown		

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	COPPER	999	OPEN DUMP / LANDFILL	11,000-28,000,000	µg/kg
MES	NICKEL	7440-02-0	"	5200-550,000	µg/kg
MES	LEAD	999	"	24,000-520,000	µg/kg
MES	ZINC	999	"	36,000-2,600,000	µg/kg
PSD	DIELDRIN	60-57-1	"	7-60	µg/kg
PSD	CHLORDANE	57-74-9	"	69-410	µg/kg
SOL	TETRACHLOROETHYLENE	999	"	2.8-17	µg/liter
SOL	TRICHLOROETHYLENE	79-01-6	"	3.6-2200	µg/l
SOL	BIS(2-ETHYLHEXYL)PHTHALATE	999	"	340-2400	µg/l
SOL	1,2-DICHLOROETHYLENE	999	"	8.7-11,000	µg/l
SOL	TOLUENE	108-88-3	"	3.5-92	µg/l

V. FEEDSTOCKS (See Appendix for CAS Numbers) N/A

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

FIT IV AQUADOME SITE SAMPLING INVESTIGATION REPORT
STATE OF ALABAMA HEALTH DEPT. REPORTS
EPA REGION IV FILES

EPA FORM 2070-13 (7-81)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

EPA

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 X A. GROUNDWATER CONTAMINATION — 02 X OBSERVED (DATE 4/85) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see p. 4
04 NARRATIVE DESCRIPTION
Analysis of Groundwater samples taken as part of 1985 FIT IV sampling investigation indicate contamination with several priority pollutants, most notably copper, nickel, lead, zinc, toluene.

01 X B. SURFACE WATER CONTAMINATION — 02 X OBSERVED (DATE 4/85) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see p. 4
04 NARRATIVE DESCRIPTION
Analyses of surface water samples (FIT IV) indicate copper, nickel, lead, zinc, tetrachloroethylene, trichloroethylene, bis(2-ethylhexyl)phthalate and 1,2-dichloroethylene present as surface water contaminants.

01 X C. CONTAMINATION OF AIR — 02 X OBSERVED (DATE See below) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see p. 4
04 NARRATIVE DESCRIPTION
April 19, 1983: Mabry Engineering air monitoring system detected 8% LEL outside school and 2% LEL inside school.
April 23, 1985: FIT IV sampling team noted OVA readings above background at vents around school building.

01 X D. FIRE/EXPLOSIVE CONDITIONS — 02 X OBSERVED (DATE 1983, 1985) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see p. 4
04 NARRATIVE DESCRIPTION
See "CONTAM. OF AIR" above.
Also, April 23, 1985: FIT IV observed HNu readings greatly above background at 10-ft.-deep auger hole.

01 X E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE ____) — X POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see p. 4
04 NARRATIVE DESCRIPTION
Brookhaven Middle School: potential contact by students & staff.
Aquadome Park: potential contact by the public.
see p. 4 "Total Population Potentially Affected"

01 X F. CONTAMINATION OF SOIL — 02 X OBSERVED (DATE 4/85) — ☐ POTENTIAL — ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 40 (Acres)
04 NARRATIVE DESCRIPTION
Analyses of soil/sediment samples (FIT IV study) indicate contamination by copper, nickel, lead, zinc, bis(2-ethylhexyl)phthalate, dieldrin, chlordane.

01 X G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE ____) — X POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 100-140
04 NARRATIVE DESCRIPTION
Willow Products, a metal fabricating company located less than one mile from the site, has one production well and one consumption well drawing from the same aquifer that contaminated groundwater samples (FIT IV study) were taken from. Employees of the plant are 100-140.

01 ☐ H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE ____) — ☐ POTENTIAL — ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: ____
04 NARRATIVE DESCRIPTION
see p. 4 "Total Population potentially affected"

01 ☐ I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE ____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: ____
04 NARRATIVE DESCRIPTION
see p. 4 "Total Population potentially affected"

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: AL
02 SITE NUMBER: D980842512

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
none observed

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)
none observed

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
none observed

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills, Runoff, Standing liquids, Leaking drums) — 02 ☒ OBSERVED (DATE 4/85) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: see below
04 NARRATIVE DESCRIPTION
The landfill has no liner and no cap. Some trash was visible during 4/85 investigation. Leachate can be observed running into drainage ditch on site.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
none observed

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
none observed

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
This may have occurred. There are no records available to specify contributors.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: Greater than 10,000. See comments.

IV. COMMENTS
1985 population of Decatur, AL is estimated at 49,500. For purposes of estimating population potentially affected, one quarter of the city's population has been used (>10,000).

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
FIT IV AQUADOME SITE SAMPLING INVESTIGATION REPORT
CITY OF DECATUR FILE MATERIALS

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842512

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A NPDES				
☐ B UIC				
☐ C AIR				
☐ D RCRA				
☐ E RCRA INTERIM STATUS				
☐ F SPCC PLAN				
☐ G STATE (Specify)				
☐ H LOCAL (Specify)				
☐ I OTHER (Specify)				
☒ J NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A SURFACE IMPOUNDMENT		
☐ B PILES		
☐ C DRUMS, ABOVE GROUND		
☐ D TANK, ABOVE GROUND		
☐ E TANK, BELOW GROUND		
☒ F LANDFILL	unknown	
☐ G LANDFARM		
☒ H OPEN DUMP	unknown	
☐ I OTHER (Specify)		

04 TREATMENT (Check all that apply)
- ☐ A INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☒ H OTHER open burning in trenches (Specify)

05 OTHER
- ☒ A BUILDINGS ON SITE

06 AREA OF SITE: 40 (Acres)

07 COMMENTS
The landfill has been inactive since 1964. Buildings presently on site include Brookhaven Middle School and Aquadome recreational facilities.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.
The landfill has no liner, no cap, and no leachate collection system.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE ☒ YES ☐ NO

02 COMMENTS
Contaminated surface water and leachate are easily accessible.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

FIT IV AQUADOME SITE SAMPLING INVESTIGATION REPORT
CITY OF DECATUR FILES

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE: AL
02 SITE NUMBER: D980842512

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. X	B. ☐
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. X
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. >3 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) X C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 100-140

03 DISTANCE TO NEAREST DRINKING WATER WELL 0.928 (mi) (4900 ft)

04 DEPTH TO GROUNDWATER: 20-25 (ft)

05 DIRECTION OF GROUNDWATER FLOW: SOUTH X SOUTHEAST

06 DEPTH TO AQUIFER OF CONCERN: 20-25 (ft)

07 POTENTIAL YIELD OF AQUIFER: >1,584,000 (gpd)

08 SOLE SOURCE AQUIFER: ☐ YES X NO

09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings)

Willow Products company, located 4900 ft. from the site, has two wells.
Production well: ~150 ft. deep, 8" diam., steel casing.
Consumption well: 80-100 ft. deep, 8" diam., steel casing.
Plant has 100-140 employees.

10 RECHARGE AREA
☐ YES
☐ NO
COMMENTS: Recharge is primarily by precipitation.

11 DISCHARGE AREA
☐ YES
☐ NO
COMMENTS: unknown

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

X A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME	AFFECTED	DISTANCE TO SITE
Dry Branch Creek	potentially	<1/4 (mi)
Tennessee River		>3 (mi)
		(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN see below

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. _____ NO. OF PERSONS	B. _____ NO. OF PERSONS	C. _____ NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION: see below (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE: see below

04 DISTANCE TO NEAREST OFF-SITE BUILDING: see below (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

The site is located within the city of Decatur, in a densely populated residential area.

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: AL
02 SITE NUMBER: D980842512

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☑ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☑ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
20-30 (ft)	unknown (ft)	unknown → Tends slightly to basic due to limestone.

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
12 (in)	3.3 (in)	6.5 %	Toward drainage ditch in center	0.5 %

09 FLOOD POTENTIAL: SITE IS IN N/A YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A _____ (mi)

OTHER: B 4 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species): _____ (mi)

ENDANGERED SPECIES: none in vicinity

13 LAND USE IN VICINITY

DISTANCE TO

COMMERCIAL INDUSTRIAL	RESIDENTIAL AREAS, NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AGRICULTURAL LANDS: AG LAND
A < 1 (mi)	B < 1/10 (mi)	C _____ (mi)	D _____ (mi)

none in vicinity

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is located in central Decatur, bordered by residences. The probable drainage path from the site follows Dry Branch Creek, which enters the Tennessee River at approximately river mile 303. This is downstream of the city of Decatur's water supply intake, which is located at river mile 306.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

FIT IV AQUADOME SITE SAMPLING INVESTIGATION REPORT
CLIMATIC ATLAS OF THE UNITED STATES, U.S. DEPT. OF COMMERCE
TENNESSEE RIVER NAVIGATIONAL CHART

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842512

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	4		
SURFACE WATER	7	Results currently	
WASTE		available - FIT IV	
AIR		AQUADOME SITE	
RUNOFF		SAMPLING INVESTIGATION	
SPILL		REPORT.	
SOIL /SEDIMENT	6		
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
pH, Temp.	Water Samples.
Conductivity	Water Samples.
Ambient air	HNu, OVA.

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☒ AERIAL

02 IN CUSTODY OF FIT IV (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS FIT IV FILES

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

None

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

FIT IV AQUADOME SITE SAMPLING INVESTIGATION REPORT
FIT IV FILES

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
AL	D980842512

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
CITY OF DECATUR			

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
P.O. Box 488			

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
DECATUR	AL	35602			

PARENT COMPANY (If applicable)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER
SAME AS CURRENT	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

CITY & STATE FILES

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II. CURRENT OPERATOR (Provide if different from owner)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME: CITY OF DECATUR	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.): P.O. Box 488	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY: DECATUR	06 STATE: AL	07 ZIP CODE: 35602	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER: SAME AS OPERATOR				

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME: SAME AS CURRENT	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME	02 D+B NUMBER		10 NAME	11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
UNKNOWN	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
UNKNOWN			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
UNKNOWN			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II. PAST RESPONSE ACTIVITIES NONE

01 ☐ A. WATER SUPPLY CLOSED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ D. SPILLED MATERIAL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ F. WASTE REPACKAGED 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ H. ON SITE BURIAL 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ L. ENCAPSULATION 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ N. CUTOFF WALLS 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION	02 DATE	03 AGENCY
01 ☐ Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION	02 DATE	03 AGENCY

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II PAST RESPONSE ACTIVITIES (Continued) NONE

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
AL	D980842512

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL STATE LOCAL REGULATORY ENFORCEMENT ACTION

None.

III. SOURCES OF INFORMATION (Cite specific references e.g. state files sample analysis reports)

EPA FORM 2070-13 (7-81)