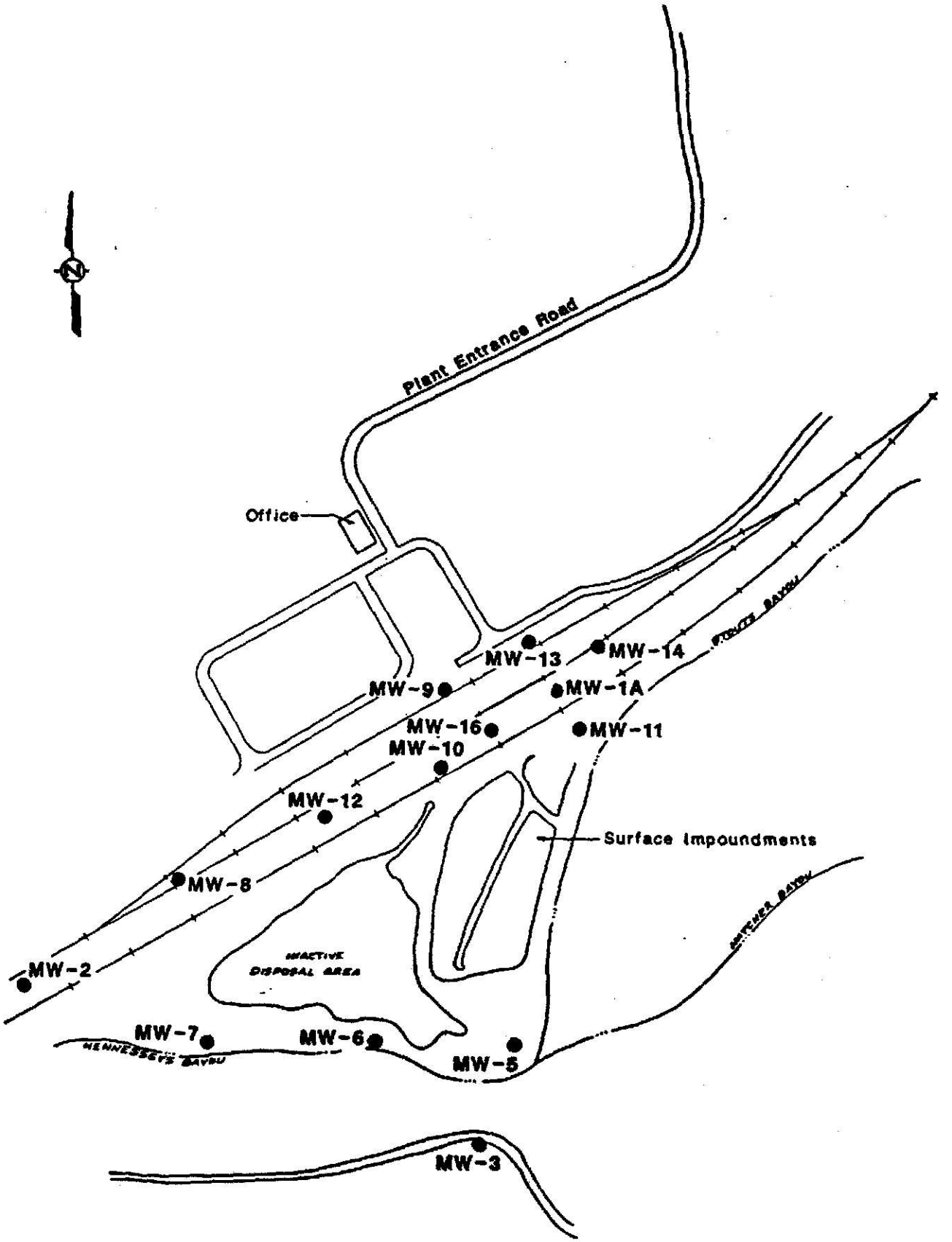
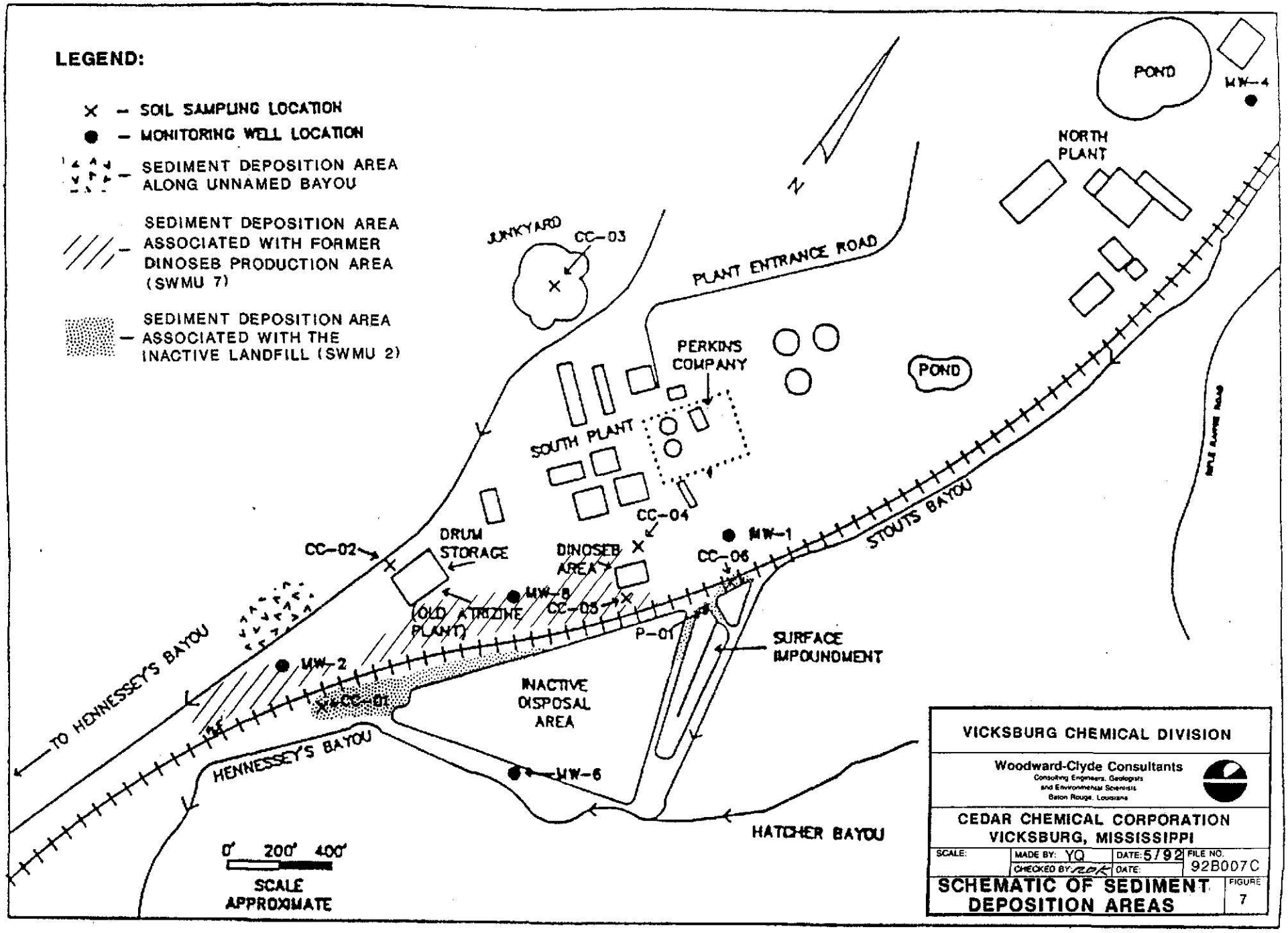
3,6
2,5
7
4,8
9
14
13
1
12
10
LEGEND
SOIL SAMPLES
Woodward-Clyde Consultants
Consulting Engineers, Geologists
and Environmental Scientists
Baton Rouge, Louisiana
CEDAR CHEMICAL COMPANY
VICKSBURG CHEMICAL DIVISION
VICKSBURG, MISSISSIPPI
SCALE:
MADE BY: KH
DATE: 5/91
FILE NO.
CHECKED BY:
DATE:
APPROXIMATE LOCATIONS OF SOIL
SAMPLES NOTED IN TABLE 9
FIGURE
10
Location: B.R.,LA File name: K:\DRWG\CEDAR\0B626C04.DWG Last edited: 04/28/92 @ 09:44



CEDAR CHEMICAL CORPORATION VICKSBURG CHEMICAL DIVISION VICKSBURG, MISSISSIPPI	**Woodward-Clyde Consultants** Consulting Engineers, Geologists and Environmental Scientists Baton Rouge, Louisiana	ACTIVE GROUNDWATER MONITORING WELLS	FILE NO.
	SCALE: 1"=400' / DRAWN BY: SB / DATE: 5/91 / CHKD. BY: / DATE:		FIG. NO. 6


LEGEND:
X – SOIL SAMPLING LOCATION
● – MONITORING WELL LOCATION
SEDIMENT DEPOSITION AREA ALONG UNNAMED BAYOU
SEDIMENT DEPOSITION AREA ASSOCIATED WITH FORMER DINOSEB PRODUCTION AREA (SWMU 7)
SEDIMENT DEPOSITION AREA ASSOCIATED WITH THE INACTIVE LANDFILL (SWMU 2)
N
POND
MW-4
NORTH PLANT
JUNKYARD
CC-03
PLANT ENTRANCE ROAD
PERKINS COMPANY
POND
SOUTH PLANT
CC-04
MW-1
STOUTS BAYOU
CC-02
DRUM STORAGE
DINOSEB AREA
CC-06
MW-3
CC-05
(OLD ATRAZINE PLANT)
P-01
SURFACE IMPOUNDMENT
TO HENNESSEY'S BAYOU
MW-2
CC-01
INACTIVE DISPOSAL AREA
HENNESSEY'S BAYOU
MW-6
HATCHER BAYOU
0' 200' 400'
SCALE APPROXIMATE
VICKSBURG CHEMICAL DIVISION
Woodward-Clyde Consultants
Consulting Engineers, Geologists and Environmental Scientists
Baton Rouge, Louisiana
CEDAR CHEMICAL CORPORATION
VICKSBURG, MISSISSIPPI
SCALE:
MADE BY: YQ
DATE: 5/92
CHECKED BY: ROK
DATE:
FILE NO. 92B007C
SCHEMATIC OF SEDIMENT DEPOSITION AREAS
FIGURE 7

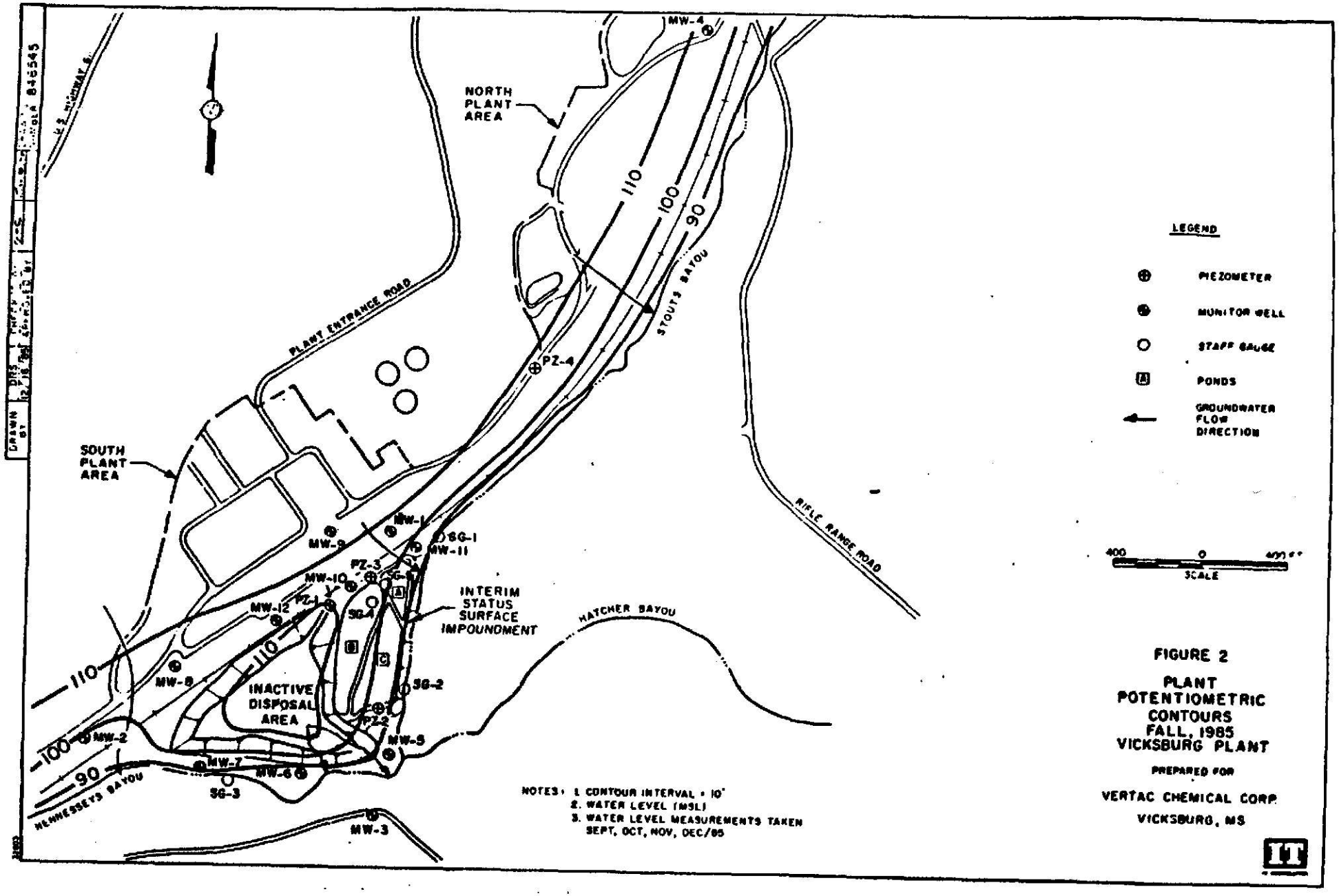


FIGURE 2

PLANT POTENTIOMETRIC CONTOURS FALL, 1985 VICKSBURG PLANT

PREPARED FOR

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7001 1140 0001 9228 9605

Haz. Waste File
Groundwater Monitoring
Warren Co.

Vicksburg chemical company

RECEIVED
MAY - 6 2002
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

April 26, 2002

Re: Vicksburg Chemical Company
Groundwater Monitoring, 1st Half, 2002

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. McDill

Enclosures

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
03/27/2002

Well No.	Water Elevation, ft. above MSL
1A	108.61
2	102.47
3	not sampled
4	not sampled
5	92.25
6	94.55
7	95.47
8	104.66
9	111.99
10	107.7
10C	107.53
11	98.83
12	110.36
12C	109.77
13	111.52
14	not sampled
16	not sampled
17A	119.09
17B	118.71
18A	113.26
18B	113.38
22A	not available
22B	not available

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/15/02

Date Sampled: 04/01/02
Time Sampled: 14:00
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-1A

Sample Number: BB27998

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	0.039	0.001	mg/L	8270C	RLT	04/10/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 14:05
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-2

Sample Matrix: WATER

Project Number:

Sample Number: BB27999

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02

Sample Description: MW-2

Sample Number: BB27999

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/22/02

Date Sampled: 04/01/02
Time Sampled: 13:17
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-5

Sample Matrix: WATER

Project Number:

Sample Number: BB28010

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02
Toxaphene	ND	1	ug/L	8081A	KLP	04/12/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-5

Sample Number: BB28010

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/22/02

Date Sampled: 04/01/02
Time Sampled: 13:45
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-6

Sample Matrix: WATER

Project Number:

Sample Number: BB28012

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02
Toxaphene	ND	1	ug/L	8081A	KLP	04/12/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-6

Sample Number: BB28012

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/22/02

Date Sampled: 04/01/02
Time Sampled: 13:30
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-7

Sample Matrix: WATER

Project Number:

Sample Number: BB28011

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02
Toxaphene	ND	1	ug/L	8081A	KLP	04/12/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-7

Sample Number: BB28011

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/04/02

Date Sampled: 04/01/02
Time Sampled: 14:10
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-8

Sample Number: BB28000

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.006	0.005	mg/L	206.2	BTH	04/04/02

ND = Not Detected

Quality Assurance/Quality Control

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ARGUS ANALYTICAL, INC.
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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/04/02

Date Sampled: 04/01/02
Time Sampled: 14:20
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-9

Sample Number: BB28001

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BTH	04/04/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 14:30
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-10
Sample Matrix: WATER
Project Number:

Sample Number: BB28002

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.008	0.005	mg/L	206.2	BTH	04/04/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-10

Sample Number: BB28002

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 13:15
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: 10-Field Duplicate

Sample Number: BB28029

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/06/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/06/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/06/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/06/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/06/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/06/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/06/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/06/02

Sample Description: 10-Field [illegible]licate

Sample N[illegible]er: BB28029

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/06/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/06/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 07:30
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-10C

Sample Matrix: WATER

Project Number:

Sample Number: BB28003

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	3.30	0.02	mg/L	8270C	RLT	04/11/02
Appendix I Volatile Organics						
Acetone	ND	0.200	mg/L	8260B	JWH	04/16/02
Acrylonitrile	ND	0.200	mg/L	8260B	JWH	04/16/02
Benzene	ND	0.100	mg/L	8260B	JWH	04/16/02
Bromochloromethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Bromodichloromethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Bromoform	ND	0.100	mg/L	8260B	JWH	04/16/02
Bromomethane	ND	0.200	mg/L	8260B	JWH	04/16/02
2-Butanone (MEK)	ND	0.200	mg/L	8260B	JWH	04/16/02
Carbon disulfide	ND	0.100	mg/L	8260B	JWH	04/16/02
Carbon tetrachloride	0.843	0.100	mg/L	8260B	JWH	04/16/02
Chlorobenzene	ND	0.100	mg/L	8260B	JWH	04/16/02
Chloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Chloroform	0.666	0.100	mg/L	8260B	JWH	04/16/02
Chloromethane	ND	0.200	mg/L	8260B	JWH	04/16/02
Dibromochloromethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,2-Dibromo-3-chloropropane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,2-Dibromoethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Dibromomethane	ND	0.100	mg/L	8260B	JWH	04/16/02
trans-1,4-Dichloro-2-butene	ND	0.200	mg/L	8260B	JWH	04/16/02
1,2-Dichlorobenzene	ND	0.100	mg/L	8260B	JWH	04/16/02
1,4-Dichlorobenzene	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,2-Dichloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethene	ND	0.100	mg/L	8260B	JWH	04/16/02
cis-1,2-Dichloroethene	ND	0.100	mg/L	8260B	JWH	04/16/02
trans-1,2-Dichloroethene	ND	0.100	mg/L	8260B	JWH	04/16/02
1,2-Dichloropropane	ND	0.100	mg/L	8260B	JWH	04/16/02
cis-1,3-Dichloropropene	ND	0.100	mg/L	8260B	JWH	04/16/02
trans-1,3-Dichloropropene	ND	0.100	mg/L	8260B	JWH	04/16/02
Ethylbenzene	ND	0.100	mg/L	8260B	JWH	04/16/02

Sample Description: MW-10C

Sample Number: BB28003

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.200	mg/L	8260B	JWH	04/16/02
Iodomethane	ND	0.200	mg/L	8260B	JWH	04/16/02
4-Methyl-2-pentanone (MIBK)	ND	0.200	mg/L	8260B	JWH	04/16/02
Methylene chloride	ND	0.100	mg/L	8260B	JWH	04/16/02
Styrene	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1,1,2-Tetrachloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1,2,2-Tetrachloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Tetrachloroethene (PCE)	ND	0.100	mg/L	8260B	JWH	04/16/02
Toluene	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1,1-Trichloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,1,2-Trichloroethane	ND	0.100	mg/L	8260B	JWH	04/16/02
Trichloroethene (TCE)	ND	0.100	mg/L	8260B	JWH	04/16/02
Trichlorofluoromethane	ND	0.100	mg/L	8260B	JWH	04/16/02
1,2,3-Trichloropropane	ND	0.200	mg/L	8260B	JWH	04/16/02
Vinyl acetate	ND	0.200	mg/L	8260B	JWH	04/16/02
Vinyl chloride	ND	0.020	mg/L	8260B	JWH	04/16/02
Xylenes (total)	ND	0.100	mg/L	8260B	JWH	04/16/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/15/02

Date Sampled: 04/01/02
Time Sampled: 07:30
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: 10C-Duplicate

Sample Number: BB28026

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	3.06	0.020	mg/L	8270C	RLT	04/11/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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Ridgeland, Mississippi 39157
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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/23/02

Date Sampled: 04/01/02
Time Sampled: 07:30
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: 10C-Spike

Sample Matrix: WATER

Project Number:

Sample Number: BB28027

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	3.72	0.021	mg/L	8270C	RLT	04/11/02

Sample was spiked by Argus with 100 ug/L of dinoseb prior to analysis

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 14:40
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-11

Sample Number: BB28004

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-11

Sample Number: BB28004

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	0.014	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/15/02

Date Sampled: 04/01/02
Time Sampled: 07:15
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-12

Sample Number: BB28005

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02
Arsenic	0.010	0.005	mg/L	206.2	BTH	04/04/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 07:00
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: 12-Duplicate

Sample Number: BB28030

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/06/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/06/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/06/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/06/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/06/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/06/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/06/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/06/02

Sample Description: 12-Dupli

Sample Number: BB28030

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/06/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/06/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
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Ridgeland, Mississippi 39157
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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 07:30
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-12C

Sample Matrix: WATER

Project Number:

Sample Number: BB28006

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	9.97	0.022	mg/L	8270C	RLT	04/11/02
Appendix I Volatile Organics						
Acetone	ND	0.500	mg/L	8260B	JWH	04/16/02
Acrylonitrile	ND	0.500	mg/L	8260B	JWH	04/16/02
Benzene	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromochloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromodichloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromoform	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromomethane	ND	0.500	mg/L	8260B	JWH	04/16/02
2-Butanone (MEK)	ND	0.500	mg/L	8260B	JWH	04/16/02
Carbon disulfide	ND	0.250	mg/L	8260B	JWH	04/16/02
Carbon tetrachloride	11.7	0.250	mg/L	8260B	JWH	04/16/02
Chlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
Chloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Chloroform	2.58	0.250	mg/L	8260B	JWH	04/16/02
Chloromethane	ND	0.500	mg/L	8260B	JWH	04/16/02
Dibromochloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dibromo-3-chloropropane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dibromoethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Dibromomethane	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,4-Dichloro-2-butene	ND	0.500	mg/L	8260B	JWH	04/16/02
1,2-Dichlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,4-Dichlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
cis-1,2-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,2-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dichloropropane	ND	0.250	mg/L	8260B	JWH	04/16/02
cis-1,3-Dichloropropene	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,3-Dichloropropene	ND	0.250	mg/L	8260B	JWH	04/16/02
Ethylbenzene	ND	0.250	mg/L	8260B	JWH	04/16/02

Sample Description: MW-12C

Sample Number: BB28006

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.500	mg/L	8260B	JWH	04/16/02
Iodomethane	ND	0.500	mg/L	8260B	JWH	04/16/02
4-Methyl-2-pentanone (MIBK)	ND	0.500	mg/L	8260B	JWH	04/16/02
Methylene chloride	ND	0.250	mg/L	8260B	JWH	04/16/02
Styrene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,1,2-Tetrachloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,2,2-Tetrachloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Tetrachloroethene (PCE)	ND	0.250	mg/L	8260B	JWH	04/16/02
Toluene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,1-Trichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,2-Trichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Trichloroethene (TCE)	ND	0.250	mg/L	8260B	JWH	04/16/02
Trichlorofluoromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2,3-Trichloropropane	ND	0.500	mg/L	8260B	JWH	04/16/02
Vinyl acetate	ND	0.500	mg/L	8260B	JWH	04/16/02
Vinyl chloride	ND	0.050	mg/L	8260B	JWH	04/16/02
Xylenes (total)	ND	0.250	mg/L	8260B	JWH	04/16/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 12:25
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-13
Sample Matrix: WATER
Project Number:

Sample Number: BB28009

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02

Sample Description: MW-13

Sample Number: BB28009

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 11:00
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-17A

Sample Matrix: WATER

Project Number:

Sample Number: BB28015

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.083	0.005	mg/L	206.2	BTH	04/04/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-17

Sample Number: BB28015

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 10:55
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-17B

Sample Matrix: WATER

Project Number:

Sample Number: BB28013

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BTH	04/04/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-17E

Sample Number: BB28013

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/04/02

Date Sampled: 04/02/02
Time Sampled: 10:50
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: Duplicate

Sample Number: BB28014

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BTH	04/04/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 11:15
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-18A

Sample Number: BB27997

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.084	0.005	mg/L	206.2	BTH	04/04/02
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02

Sample Description: MW-18A

Sample Number: BB27997

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/02/02
Time Sampled: 11:10
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-18B

Sample Number: BB28016

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.283	0.020	mg/L	206.2	BTH	04/04/02
Appendix I Volatile Organics						
Acetone	ND	0.050	mg/L	8260B	JWH	04/16/02
Acrylonitrile	ND	0.050	mg/L	8260B	JWH	04/16/02
Benzene	ND	0.025	mg/L	8260B	JWH	04/16/02
Bromochloromethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Bromodichloromethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Bromoform	ND	0.025	mg/L	8260B	JWH	04/16/02
Bromomethane	ND	0.050	mg/L	8260B	JWH	04/16/02
2-Butanone (MEK)	ND	0.050	mg/L	8260B	JWH	04/16/02
Carbon disulfide	ND	0.025	mg/L	8260B	JWH	04/16/02
Carbon tetrachloride	ND	0.025	mg/L	8260B	JWH	04/16/02
Chlorobenzene	ND	0.025	mg/L	8260B	JWH	04/16/02
Chloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Chloroform	ND	0.025	mg/L	8260B	JWH	04/16/02
Chloromethane	ND	0.050	mg/L	8260B	JWH	04/16/02
Dibromochloromethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,2-Dibromo-3-chloropropane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,2-Dibromoethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Dibromomethane	ND	0.025	mg/L	8260B	JWH	04/16/02
trans-1,4-Dichloro-2-butene	ND	0.050	mg/L	8260B	JWH	04/16/02
1,2-Dichlorobenzene	ND	0.025	mg/L	8260B	JWH	04/16/02
1,4-Dichlorobenzene	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,2-Dichloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethene	ND	0.025	mg/L	8260B	JWH	04/16/02
cis-1,2-Dichloroethene	ND	0.025	mg/L	8260B	JWH	04/16/02
trans-1,2-Dichloroethene	ND	0.025	mg/L	8260B	JWH	04/16/02
1,2-Dichloropropane	ND	0.025	mg/L	8260B	JWH	04/16/02
cis-1,3-Dichloropropene	ND	0.025	mg/L	8260B	JWH	04/16/02
trans-1,3-Dichloropropene	ND	0.025	mg/L	8260B	JWH	04/16/02
Ethylbenzene	0.315	0.025	mg/L	8260B	JWH	04/16/02

Sample Description: MW-18D

Sample Number: BB28016

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.050	mg/L	8260B	JWH	04/16/02
Iodomethane	ND	0.050	mg/L	8260B	JWH	04/16/02
4-Methyl-2-pentanone (MIBK)	ND	0.050	mg/L	8260B	JWH	04/16/02
Methylene chloride	ND	0.025	mg/L	8260B	JWH	04/16/02
Styrene	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1,1,2-Tetrachloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1,2,2-Tetrachloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Tetrachloroethene (PCE)	ND	0.025	mg/L	8260B	JWH	04/16/02
Toluene	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1,1-Trichloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,1,2-Trichloroethane	ND	0.025	mg/L	8260B	JWH	04/16/02
Trichloroethene (TCE)	ND	0.025	mg/L	8260B	JWH	04/16/02
Trichlorofluoromethane	ND	0.025	mg/L	8260B	JWH	04/16/02
1,2,3-Trichloropropane	ND	0.050	mg/L	8260B	JWH	04/16/02
Vinyl acetate	ND	0.050	mg/L	8260B	JWH	04/16/02
Vinyl chloride	ND	0.005	mg/L	8260B	JWH	04/16/02
Xylenes (total)	1.02	0.025	mg/L	8260B	JWH	04/16/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr1

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 10:30
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-22A

Sample Number: BB28007

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/05/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/05/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/05/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/05/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/05/02
Carbon tetrachloride	*0.009*	0.005	mg/L	8260B	KLP	04/05/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/05/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/05/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/05/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/05/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/05/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/05/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/05/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/05/02

Sample Description: MW-22A

Sample Number: BB28007

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/05/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/05/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/05/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/05/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/05/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/05/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/05/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/01/02
Time Sampled: 10:35
Sampled by: SB

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: MW-22B

Sample Number: BB28008

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.500	mg/L	8260B	JWH	04/16/02
Acrylonitrile	ND	0.500	mg/L	8260B	JWH	04/16/02
Benzene	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromochloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromodichloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromoform	ND	0.250	mg/L	8260B	JWH	04/16/02
Bromomethane	ND	0.500	mg/L	8260B	JWH	04/16/02
2-Butanone (MEK)	ND	0.500	mg/L	8260B	JWH	04/16/02
Carbon disulfide	ND	0.250	mg/L	8260B	JWH	04/16/02
Carbon tetrachloride	ND	0.250	mg/L	8260B	JWH	04/16/02
Chlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
Chloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Chloroform	1.75	0.250	mg/L	8260B	JWH	04/16/02
Chloromethane	ND	0.500	mg/L	8260B	JWH	04/16/02
Dibromochloromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dibromo-3-chloropropane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dibromoethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Dibromomethane	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,4-Dichloro-2-butene	ND	0.500	mg/L	8260B	JWH	04/16/02
1,2-Dichlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,4-Dichlorobenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
cis-1,2-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,2-Dichloroethene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2-Dichloropropane	ND	0.250	mg/L	8260B	JWH	04/16/02
cis-1,3-Dichloropropene	ND	0.250	mg/L	8260B	JWH	04/16/02
trans-1,3-Dichloropropene	ND	0.250	mg/L	8260B	JWH	04/16/02
Ethylbenzene	ND	0.250	mg/L	8260B	JWH	04/16/02
2-Hexanone	ND	0.500	mg/L	8260B	JWH	04/16/02
Iodomethane	ND	0.500	mg/L	8260B	JWH	04/16/02

Sample Description: MW-22E

Sample Number: BB28008

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.500	mg/L	8260B	JWH	04/16/02
Methylene chloride	ND	0.250	mg/L	8260B	JWH	04/16/02
Styrene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,1,2-Tetrachloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,2,2-Tetrachloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Tetrachloroethene (PCE)	ND	0.250	mg/L	8260B	JWH	04/16/02
Toluene	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,1-Trichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,1,2-Trichloroethane	ND	0.250	mg/L	8260B	JWH	04/16/02
Trichloroethene (TCE)	ND	0.250	mg/L	8260B	JWH	04/16/02
Trichlorofluoromethane	ND	0.250	mg/L	8260B	JWH	04/16/02
1,2,3-Trichloropropane	ND	0.500	mg/L	8260B	JWH	04/16/02
Vinyl acetate	ND	0.500	mg/L	8260B	JWH	04/16/02
Vinyl chloride	ND	0.050	mg/L	8260B	JWH	04/16/02
Xylenes (total)	ND	0.250	mg/L	8260B	JWH	04/16/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/18/02

Date Sampled: 04/03/02
Time Sampled: 08:15
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: Field Blank

Sample Matrix: WATER

Project Number:

Sample Number: BB28031

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	KLP	04/06/02
Acrylonitrile	ND	0.010	mg/L	8260B	KLP	04/06/02
Benzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromodichloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromoform	ND	0.005	mg/L	8260B	KLP	04/06/02
Bromomethane	ND	0.010	mg/L	8260B	KLP	04/06/02
2-Butanone (MEK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Carbon disulfide	ND	0.005	mg/L	8260B	KLP	04/06/02
Carbon tetrachloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Chlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloroform	ND	0.005	mg/L	8260B	KLP	04/06/02
Chloromethane	ND	0.010	mg/L	8260B	KLP	04/06/02
Dibromochloromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dibromoethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Dibromomethane	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	KLP	04/06/02
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2-Dichloropropane	ND	0.005	mg/L	8260B	KLP	04/06/02
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	KLP	04/06/02
Ethylbenzene	ND	0.005	mg/L	8260B	KLP	04/06/02
2-Hexanone	ND	0.010	mg/L	8260B	KLP	04/06/02
Iodomethane	ND	0.010	mg/L	8260B	KLP	04/06/02

Sample Description: Field Bl

Sample N er: BB28031

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	KLP	04/06/02
Methylene chloride	ND	0.005	mg/L	8260B	KLP	04/06/02
Styrene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Toluene	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	KLP	04/06/02
Trichlorofluoromethane	ND	0.005	mg/L	8260B	KLP	04/06/02
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl acetate	ND	0.010	mg/L	8260B	KLP	04/06/02
Vinyl chloride	ND	0.001	mg/L	8260B	KLP	04/06/02
Xylenes (total)	ND	0.005	mg/L	8260B	KLP	04/06/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/15/02

Date Sampled: 04/01/02
Time Sampled: 14:15
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: 9-Field Blank

Sample Number: BB28032

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/10/02

ND = Not Detected

Quality Assurance/Quality Control

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NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/22/02

Date Sampled: 04/02/02
Time Sampled: 13:18
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: Field Blank

Sample Matrix: WATER

Project Number:

Sample Number: BB28025

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Toxaphene	ND	1	ug/L	8081A	KLP	04/15/02

ND = Not Detected

Quality Assurance/Quality Control

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Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

NELAP Accredited
LELAP 04023

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

ATTN: Anthony Lobred

Date Reported: 04/04/02

Date Sampled: 04/01/02
Time Sampled: 14:00
Sampled by: AL

Project ID/Location: Groundwater Analysis

Date Received: 04/03/02

Sample Description: Field Blank

Sample Number: BB28028

Sample Matrix: WATER

Page Number: 1

Project Number:

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BTH	04/04/02

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

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REFERENCES

1. Technical Publication No. 40, "Rainfall Frequency Atlas of the United States," US Weather Bureau.

2. MCI Consulting Engineers, 1983, Engineering Report for Surface Impoundment Dike Improvements, Vertac Chemical Corporation, Vicksburg, Mississippi.

3. IT Corporation, 1986, Final Report, Groundwater Assessment Program, Vertac Chemical Corporation, Vicksburg, Mississippi.

6.1.1 Monitoring Parameters

Groundwater samples will be collected from the monitoring wells semi-annually during the post-closure and/or assessment period and will be analyzed for the following parameters using appropriate analytical methods:

- Dinitrobutyl phenol (dinoseb),
- Toxaphene,
- Arsenic, and
- Methylene chloride.

Results of the monitoring assessment will be forwarded to the Mississippi Department of Natural Resources (DNR).

6.1.2 Monitor Well Locations

The monitor well locations are shown on Figure 2. The wells are screened in the uppermost permeable zone and are placed upgradient and downgradient of the SWCA and impoundment system. All MW wells will be sampled with the exception of MW-1, MW-3.

Monitor wells will be periodically inspected for damage due to construction or other activities. If damaged, the wells shall be repaired and the top of casing elevation resurveyed by a liscensed land surveyor or engineer. Additionally, if the well is blocked with silt, it shall be surged with a pump to flush the water/silt and clear the well.

6.1.3 Groundwater Sampling Procedures

The following sample collection procedures are consistent with prudent practice and Environmental Protection Agency guidelines. Care will be taken to avoid placing the groundwater bailer and attached rope or pump hose on the ground surface while evacuating the water to prevent potential contamination. The following procedures are to be used for sample collection:

- The initial water level in the well will be measured and recorded to the nearest 0.01 feet with a calibrated M-scope (an electric water level sensor probe) or other accepted method. The probe will be lowered down the well until the meter dial moves indicating that contact of the probe with the water surface has occurred. Three

replicate measurements will be made to verify accuracy. The depth of water will be referenced to the top of the well casing. The data will be converted to water level elevation (MSL) from the surveyed elevation of the top of casing. The recorded data includes the date, time, monitor well number, depth to water, name of person recording the data, and weather conditions. The probe will be rinsed with distilled water after each use.

- A volume of water equal to at least the volume of water initially contained in the well will be removed from wells which can be bailed dry. For wells with greater yields, three volumes of water will be removed. The volume of water initially contained in the well which must be removed prior to sampling is determined by the following:

  $V_w = (3.14)\ r^2\ (L-H)$ where V_w is the volume of water initially in the well casing in (feet^3), L is the length of the well casing in feet, H is the depth in feet from the top of casing to the initial water level, and r is the inside radius of the well casing in feet.

  Water will be removed from the well by bailing or pumping as appropriate. The bailer or pump will be rinsed with distilled water following use at each well. Water bailed from each well will be placed in a container and disposed of accordingly.

- Samples will be collected using a bailer or a pump after the water level in the well recovers to near its original level. All collection bottles will be washed in accordance with the "EPA Handbook for Analytical Quality Control in Water and Wastewater Laboratories, 1979". Collection bottles supplied by an analytical laboratory shall be used in accordance with the laboratory's handling instructions. Field data will be recorded on forms designed for the purpose. A water resistant marker will also be used to label the samples. Sample bottles of appropriate volume and material will be sealed with adhesive tape to preserve the integrity of each sample until it is analyzed. A copy of these forms will accompany the samples to the laboratory.

- Information associated with sampling will also be recorded in a field log book. This log book is intended as a record of all field activities associated with the sampling and sample handling. This book will have a hardbound cover and a water resistant surface. Entries to the log book will be made with pencil to prevent smearing from moisture. The minimum information recorded in the log book will be date sampled, time sampled, general weather conditions, name of collector, water levels, volume of water removed, and other remarks of interest.

Samples will be collected and preserved in the field immediately following sampling, utilizing the following procedures:

- The appropriate amount of chemical preservatives, if any, will be added to the sample bottles, and the caps replaced;
- After sample collection the caps will be sealed with adhesive tape to prevent loosening if shipped;
- The bottles will be placed in ice chests containing "blue ice" or a similar pack of frozen gel or ice cubes. The ice chests, if shipped, will be wrapped with packing tape to prevent jarring open during shipment. These ice chests will be addressed and identified; and
- Field personnel will complete full chain-of-custody forms that are to be shipped with the groundwater samples to the analytical laboratory.

6.1.4 Chain-of-Custody and Recordkeeping

These chain-of-custody procedures are intended to document sample possession from the time of collection to disposal. For the purpose of these procedures, a sample is considered in custody if it is:

- in one's actual possession,
- in view, after being in physical possession,
- locked so that no one can tamper with it, after having been in physical custody, or
- in a secured area, restricted to authorized personnel.

The chain-of-custody procedures are as follows:

- A chain-of-custody record will be initiated in the field and a copy will accompany every set of samples;
- Each time responsibility for custody of the samples changes, the new custodian will sign the record and record the date. All changes of custody of samples will be a person-to-person change of possession;
- Upon sample destruction or disposal, the custodian responsible for the disposal will complete the chain-of-custody record and file a copy;
- In addition to the chain-of-custody records that will be maintained, the following recordkeeping procedures will supplement the chain of custody records:
  - field log book will remain with collector
  - sample label will be placed on each sample

- samples will be sealed either individually, or on the container in which the samples are shipped

- analytical requests will accompany the samples; and

• Prior to sampling, all personnel involved have received copies of the custody procedures. A prestudy briefing will be held by VCD prior to any person's participation in the monitoring program to detail chain-of-custody procedures (as well as sampling and sample handling procedures).

6.2 LEACHATE COLLECTION

The leachate collection and leachate detection sumps will be inspected in conjunction with the Final Cover Inspection and Maintenance, Section 6.3, or after a 24-hour 25-year rainfall. At a minimum, the inspection will include the following:

- Inspect the sump tank for leaks, cracks, buckles and bulges;
- Inspect the piping and connections for leaks, unsound piping support and external wear; and
- Inspect the pump for correct operation.

The findings of each inspection will be recorded on an inspection sheet along with any corrective actions taken or recommended. The inspector will sign and record the time and date the inspection was completed.

The inspection of the LDS and LCS for the SWCA will continue for 3 years while the LD/RS of the continuing operation will be inspected weekly. Reports of unusual events will be reported in a timely fashion and all documentation submitted with the semi-annual groundwater monitoring results.

6.3 FINAL COVER INSPECTION AND MAINTENANCE

Inspection of the final cover by a representative of VCD will proceed according to the following schedule:

Inspection Frequency	Time Period
1/month	First six months
1/6 months	Next two and one half years
1/year	Remaining time

Inspections will also be conducted after any major 25-year, 24-hour storm events during the Post-Closure period. Reports shall be filed detailing the inspections. These reports shall include the date, the person performing the inspection and any defects observed in the final cover. The inspector shall observe the final cover for such defects as, erosion gulleys, loss of vegetated cover, cracking or settlement of the final cover, burrows or other animals activities disturbing the final cover, and slumping or sliding of the final cover.

Erosion gulleys, cracking, slumping, burrows from animals and settlements in the final cover will be repaired with compacted clay or topsoil (as required) and brought to original grade. Loss of vegetation will be repaired by reseeding. Construction materials, such as clay acceptable for liners, topsoil and seed stock, necessary to make repairs to the final cover are available in the region. Permanent bench marks will be placed so that any of these items or other items which may impair the integrity of the final cover can be observed. If any problems are observed, VCD will remediate the problem.

It is possible that a 25-year 24-hour storm may cause the disruption of the runoff collection ditch system. Accordingly, after such a major event, a representative of VCD will conduct an inspection to insure maintenance of these runoff collection and disposal systems. If any disruptions, such as ponding of water or channel diversions are noted the proper remedial actions will be initiated.

6.4 SECURITY REQUIREMENTS

The security system currently implemented at the VCD Facility includes 24-hour monitoring of the plant by security personnel. These measures are deemed sufficient to secure the site.

6.5 NOTICE IN DEED TO PROPERTY

VCD will record a notation on the deed to the facility property that will in perpetuity notify any potential purchaser of the property that the land has been used as a waste management area.

6.6 NOTICE TO LOCAL LAND AUTHORITY

Within 90 days after closure of the SWCA is completed, VCD will submit a survey plat to the local zoning authority and to the DNR indicating the location and dimensions of the SWCA with respect to permanently surveyed benchmarks. This plat will be prepared and certified by a professional land surveyor and will contain a note, prominently displayed, which states VCD's obligation to restrict disturbance of the site.

6.7 CERTIFICATION

The Certifying Engineer will have a representative on-site (Field Engineer), as specified in the Construction Quality Assurance Specification, Attachment 4, during all phases of construction that require inspection, testing or documentation and will personally inspect the area at the start of each phase of construction and during critical periods. The Certifying Engineer will be in communication with the Field Engineer to verify that inspections and verification tests are performed by the Field Engineer at the specified intervals. The Certifying Engineer will review the results of the inspection and laboratory and field tests to verify that the closure activities comply with the Specifications and Construction Drawings.

Within 60 days of completion of closure/retrofit of the impoundment system, VCD will submit to the DNR, by registered mail, a certification that the impoundment system has been closed/retrofitted in accordance with the specifications in the plan. The certification will include daily reports, photographs, laboratory reports, non-conformance reports, "as-built" construction drawings, and will be signed by VCD and an independent registered professional engineer.

Within 60 days after completion of the established post-closure care period for the SWCA, VCD will submit to the DNR, by registered mail, a certification that the post-closure care period for the SWCA was performed in accordance with the specifications in the approved post-closure plan. During the post-closure period, reports of inspections and other events related to the post-closure activities will be submitted with the groundwater monitoring

reports. The certification will include inspection reports, photographs, analytical reports and will be signed by an independent registered professional civil engineer.

7.0 ESTIMATED CLOSURE/RETROFIT COSTS

The detailed closure/retrofit cost estimates are presented in Table 4. The costs are based on quantities presented in this document and are presented in 1988 dollars. The total closure cost estimate is approximately $671,000 dollars and includes a 10 percent contingency. The total retrofit cost estimate is approximately $524,000. Post closure costs are also presented and are estimated at about $8,350 dollars/year with a 10 percent contingency.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7001 1140 0001 9228 9599

Vicksburg Chemical company

RECEIVED
DEC - 4 2001
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

November 28, 2001

Re: Groundwater Monitoring under Commission Order No. 1253 87
Request for Reduction in Monitoring Frequency

Dear Mr. Mills:

Please find enclosed a diagram of the locations of the monitoring wells installed in the Vicksburg Chemical facility. Also enclosed is a set of monitoring results for the most recent six quarters.

The data show that for a good number of wells installed at the Vicksburg site, there has been no detection of contaminants or little change in the level of contaminants that are detected. For new wells installed this year, it is probably too early to reduce the frequency of monitoring, as there is little data accumulated to evaluate. Vicksburg is requesting a reduction the frequency of sampling where possible in an effort to make the monitoring more cost effective.

Please contact me with any questions.

Sincerely,

Steven T. Boswell

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. McDill

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Well No.		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic		ug/l Dinoseb	
1A	09/24/01	958	ND	ND	11/01/01	1.5	resampled due to
1C	09/24/01	4091	ND	ND	11/01/01	1.2	dubious results of
2	09/24/01	35.8	ND	ND	11/01/01	ND	09/24/2001
3	09/24/01	ns	ns	ns	11/01/01	ND	
4	09/24/01	ND	ND	ND	11/01/01	ND	
5	09/24/01	ns	ns	ns	11/01/01	ND	Vicksburg Chemical Company
6	09/24/01	ns	ns	ns	11/01/01	ND	Groundwater Monitoring
7	09/24/01	ND	ND	0.018	11/01/01	ND	Dinoseb, toxaphene & arsenic
8	09/24/01	79.1	ND	0.013	11/01/01	ND	
9	09/24/01	ND	ND	ND	11/01/01	ND	
10	09/24/01	256	ND	ND	11/01/01	ND	
10C	09/24/01	1507480	ND	ND	11/01/01	8206	
11	09/24/01	9079	ND	ND	11/01/01	ND	
12	09/24/01	109	ND	ND	11/01/01	ND	
12C	09/24/01	2406326	ND	ND	11/01/01	12872	
13	09/24/01	86383	ND	ND	11/01/01	ND	
14	09/24/01	502	ND	ND	11/01/01	ND	
16	09/24/01	8512	ND	ND	11/01/01	ND	
17A	09/24/01	5339	ND	ND	11/01/01	ND	
17B	09/24/01	128	ND	0.045	11/01/01	ND	
18A	09/24/01	64.7	ND	0.223	11/01/01	ND	
18B	09/24/01	723	ND	0.14	11/01/01	ND	
22A	09/24/01	79.1	ND	ND	11/01/01	ND	
22B	09/24/01	2737	ND	ND	11/01/01	ND	

Well No.	Date	ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic
1A	06/15/01	139.6	ND	ND
2	06/15/01	ND	ND	ND
3	06/15/01	ns	ns	ns
4	06/15/01	ND	ND	ND
5	06/15/01	ND	ND	ND
6	06/15/01	ND	ND	ND
7	06/15/01	ND	ND	ND
8	06/15/01	ND	ND	0.038
9	06/15/01	ND	ND	ND
10	06/15/01	ND	ND	ND
11	06/15/01	ND	ND	ND
12	06/15/01	ND	ND	ND
13	06/15/01	ND	ND	ND
14	06/15/01	4.08	ND	ND
16	06/15/01	ND	ND	ND

Well No.		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic
1A	03/14/01	216.38	ND	ND
2	03/14/01	ND	ND	ND
3	03/14/01	ns	ns	ns
4	03/14/01	ND	ND	ND
5	03/14/01	ND	ND	ND
6	03/14/01	ND	2.4	ND
7	03/14/01	ND	ND	0.009
8	03/14/01	ND	ND	0.053
9	03/14/01	ND	ND	ND
10	03/14/01	ND	ND	ND
11	03/14/01	ND	ND	ND
12	03/14/01	ND	ND	ND
13	03/14/01	ND	ND	0.006
14	03/14/01	ND	ND	ND
16	03/14/01	ND	ND	ND

Vicksburg Chemical Company
Groundwater Monitoring
Dinoseb, toxaphene & arsenic

Well No.		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic
1A	12/07/00	2.38	ND	ND
2	12/07/00	ND	ND	ND
3	12/07/00	ns	ns	ns
4	12/07/00	ND	ND	ND
5	12/07/00	ns	ns	ns
6	12/07/00	ns	ns	ns
7	12/07/00	ND	ND	0.026
8	12/07/00	ns	ns	ns
9	12/07/00	ND	ND	ND
10	12/07/00	ND	ND	ND
11	12/07/00	ND	ND	ND
12	12/07/00	ND	ND	ND
13	12/07/00	ND	ND	ND
14	12/07/00	ND	ND	ND
16	12/07/00	ND	ND	ND

Well No.		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic
1A	09/28/00	125.7	ND	ND
2	09/28/00	ND	ND	ND
3	09/28/00	ns	ns	ns
4	09/28/00	ND	ND	ND
5	09/28/00	ns	ns	ns
6	09/28/00	ns	ns	ns
7	09/28/00	ND	ND	0.019
8	09/28/00	ns	ns	ns
9	09/28/00	ND	ND	ND
10	09/28/00	ND	ND	ND
11	09/28/00	1.81	ND	ND
12	09/28/00	ND	ND	ND
13	09/28/00	ND	ND	ND
14	09/28/00	ND	ND	ND
16	09/28/00	ND	ND	ND

Well No.		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic
1A	06/30/00	125.7	ND	ND
2	06/30/00	ND	ND	ND
3	06/30/00	ns	ns	ns
4	06/30/00	ND	ND	ND
5	06/30/00	ns	ns	ns
6	06/30/00	ns	ns	ns
7	06/30/00	ND	ND	0.009
8	06/30/00	ns	ns	ns
9	06/30/00	ND	ND	ND
10	06/30/00	ND	ND	ND
11	06/30/00	1.85	ND	ND
12	06/30/00	ND	ND	ND
13	06/30/00	ND	ND	ND
14	06/30/00	ND	ND	ND
16	06/30/00	ND	ND	ND

Vicksburg Chemical Co.
Groundwater Monitoring Summary
five quarters through June, 2001

Well No	Date	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone
1A	06/15/2001	1.18	ND	ND	7.12	1.33	ND
2	06/15/2001	ND	1.06	2.28	1.2	ND	ND
3	06/15/2001	ns	ns	ns	ns	ns	ns
4	06/15/2001	ND	ND	ND	ND	ND	ND
5	06/15/2001	ND	ND	ND	ND	ND	ND
6	06/15/2001	ND	ND	ND	ND	ND	ND
7	06/15/2001	ND	ND	ND	ND	ND	ND
8	06/15/2001	ND	ND	ND	ND	ND	ND
9	06/15/2001	ND	ND	ND	ND	ND	ND
10	06/15/2001	ND	ND	ND	ND	ND	ND
11	06/15/2001	ND	ND	ND	13.7	ND	ND
12	06/15/2001	ND	ND	ND	ND	ND	ND
13	06/15/2001	ND	ND	ND	ND	1.02	ND
14	06/15/2001	ND	ND	ND	7.29	1.43	ND
16	06/15/2001	ND	ND	ND	ND	ND	ND

		ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	03/14/2001	1.42	ND	ND	8.03	1.53	11.1	ND	ND	ND	ND
2	03/14/2001	ND	1.3	7.26	1.14	ND	11.2	ND	ND	ND	ND
3	03/14/2001	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4	03/14/2001	ND	ND	ND	ND	ND	15.2	ND	ND	ND	ND
5	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	03/14/2001	ND	ND	ND	ND	ND	10.6	ND	ND	ND	ND
9	03/14/2001	ND	ND	ND	ND	ND	10.7	2.39	1.12	1.25	ND
10	03/14/2001	ND	ND	ND	ND	ND	10.7	ND	ND	ND	ND
11	03/14/2001	ND	ND	ND	17	ND	ND	ND	ND	ND	1.01
12	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	03/14/2001	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND
14	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	12/07/2000	1.36	ND	ND	7.52	ND	ND	ND	ND	ND	ND
2	12/07/2000	ND	ND	1.62	2.16	ND	ND	ND	ND	ND	ND
3	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	12/07/2000	ND	ND	ND	10.6	ND	ND	ND	ND	ND	ND
12	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	09/28/2000	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND
2	09/28/2000	ND	ND	1.72	1.5	ND	ND	ND	ND	ND	ND
3	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	09/28/2000	ND	ND	ND	13.9	ND	ND	ND	ND	ND	ND
12	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	09/28/2000	ND	ND	ND	ND	1.19	ND	ND	ND	ND	ND
14	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	[illegible]8/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	06/30/2000	1.21	ND	ND	6.55	ND	ND	ND	ND	ND	ND
2	06/30/2000	ND	ND	2.01	1.42	ND	ND	ND	ND	ND	ND
3	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	06/30/2000	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
12	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	06/30/2000	ND	ND	ND	ND	1.13	ND	ND	ND	ND	ND
14	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

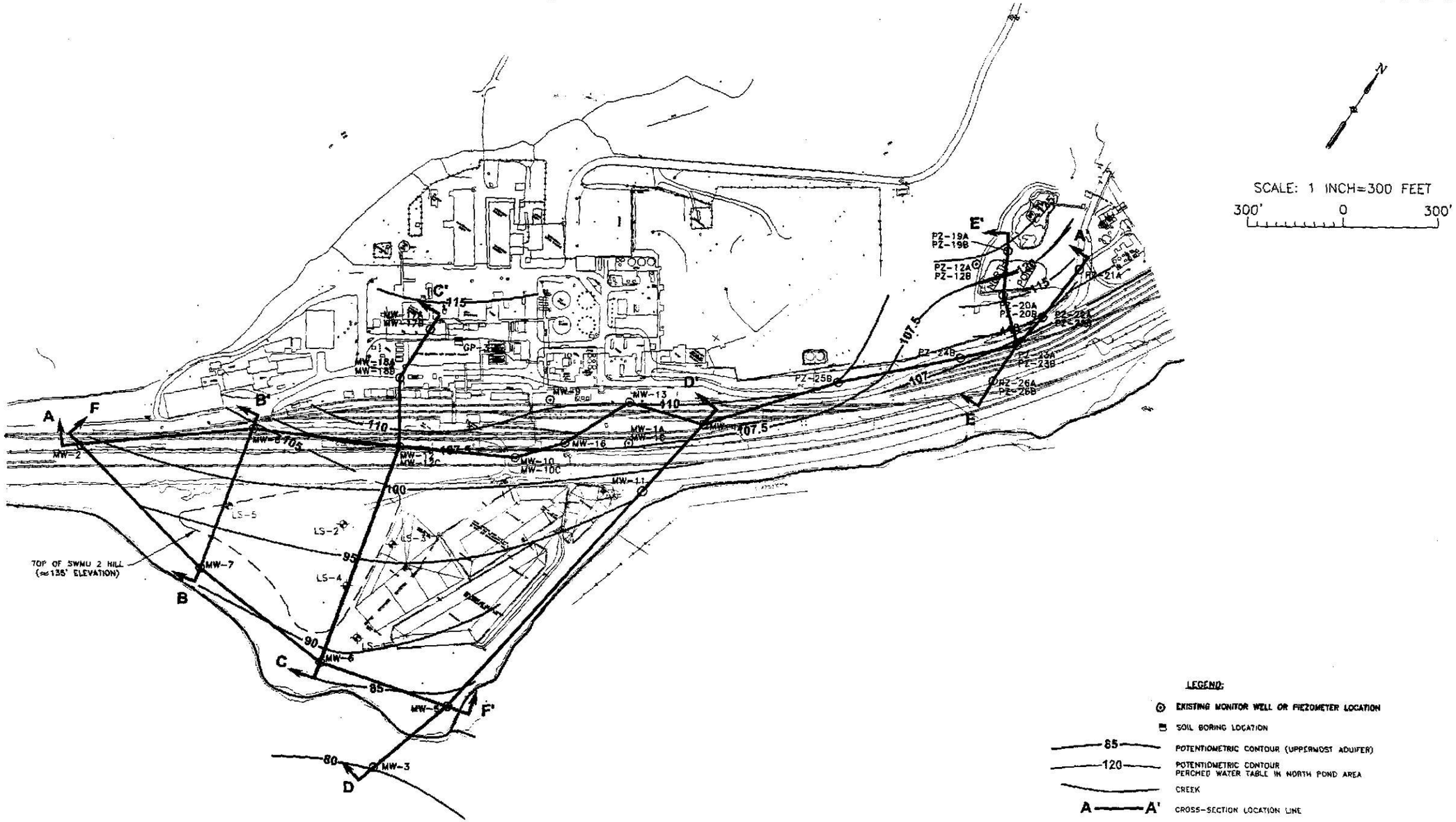
Vicksburg Chemical Co.
Most recent groundwater monitoring results
VOCs

Well No.	Date	ug/l Chloroform	ug/l carbon tetrachloride	ug/l trichloro-ethane	ug/l 1,2 dichloro-benzene	ug/l 1,1,2 trichloro-ethane	ug/l tetrachloro-ethene	ug/l 1,1,2,2 tetrachloro-ethane	ug/l acetone	ug/l cis-1,2 dichloro-ethene	ug/l napthalene
1A	09/24/2001	1.67	ND	7.53	1.27	ND	ND	ND	ND	ND	ND
1C	09/24/2001	1.97	ND	13.1	ND	ND	ND	ND	ND	ND	ND
2	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3	09/24/2001	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
4	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	09/24/2001	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	09/24/2001	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	09/24/2001	1.57	5.31	ND	ND	ND	ND	ND	ND	ND	ND
9	09/24/2001	1.11	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	09/24/2001	ND	ND	14.3	ND	ND	ND	ND	ND	ND	ND
10C	09/24/2001	704	875	ND	ND	1.3	2.51	2.38	28	ND	ND
11	09/24/2001	ND	ND	ND	ND	ND	ND	ND	27	ND	ND
12	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12C	09/24/2001	515	825	22	ND	1.1	8.03	ND	ND	1.73	4.25
13	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14	09/24/2001	15.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17A	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
17B	09/24/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l toluene	ug/l ethylbenzene	ug/l p,m-xylene	ug/l o-xylene	ug/l isopropylbenzene	ug/l n-propylbenzene	ug/l 1,3,5-tri-methylbenzene	ug/l 1,2,4-tri-methylbenzene	ug/l p-isopropyltoluene
18A	09/24/2001	1.59	227	600	129	18	75	124	232	1.6
18B	09/24/2001	ND	34	6.2	12	2.8	8.8	13	18	ND

		ug/l Chloroform	ug/l methylene chloride	ug/l 1,1-dichloro-ethane	ug/l 1,2-dichloro-ethane	ug/l bromodichloro-methane	ug/l dibromochloro-methane	ug/l Bromoform
22A	09/24/2001	38.5	ND	ND	ND	ND	ND	ND
22B	09/24/2001	5383	18	13	2.1	107	74	168

No halogenated compounds were detected in wells 18A & B
No TPH constiuents were detected in wells other than 18A & B



K:\CEDAR\03013\03013-92B007C8.DWG

REV	DESCRIPTION OF REVISION	BY	DATE
3			
3			
3			
3			
3	AS OF MAY 2001	PCG	8/16/01
3	ADD SWMU 2 BORINGS	PCG	8/17/01

VICKSBURG CHEMICAL CORPORATION
VICKSBURG, MISSISSIPPI

URS
2822 O'Neal Lane
Baton Rouge, Louisiana 70816
225/751-1873

REFERENCE DRAWINGS

SCALE	1"=300'
DESIGNED	
DRAWN	PCG
CHECKED	
PEER REVIEWED	
DATE	8/17/01

GROUNDWATER ASSESSMENT

POTENTIOMETRIC CONTOURS
WITH CROSS SECTION LOCATIONS

REVISION 2
PROJECT 35092B007C
FIGURE 3-1

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7000 0520 0025 3772 8486

Vicksburg Chemical company

RECEIVED
AUG 20 2001
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

August 17, 2001

Re: Vicksburg Chemical Company, Commission Order 1253 87
Groundwater Monitoring

Dear Mr. Mills:

As we have occasionally discussed, Vicksburg Chemical Company monitors groundwater at its facility and has been doing so for the preceding fourteen years. Parameters analyzed at VCC's monitor wells are dinoseb, toxaphene, volatile organic compounds and arsenic. Results are submitted quarterly to MSDEQ. With the passage of time, no radical changes in the concentrations of analytes have been observed in any of the wells with the possible exception of Well 1A in which the concentration of dinoseb has gradually decreased. Please see the attached summary of monitoring data. The information presented in the attachment gives the range and identity of contaminant for wells that are impacted. Results detailed by well, contaminant and sampling period are also provided for the past year.

Vicksburg has recently installed five new wells as part of an ongoing site investigation under the federal Consent Decree (W92-0008(B).) Those wells will be added to the regular sampling and analysis routine. Further work remains to be done in relation to the Groundwater Assessment under the Consent Decree. The results of that work would certainly have the potential for further adjustment to the continuing groundwater monitoring and will doubtlessly receive that consideration. That work should be performed this fall.

It is Vicksburg's belief that continued quarterly sampling will not produce data of greater value than sampling at a reduced frequency. Vicksburg suggests and requests the frequency be reduced. Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell

STB: pc

Steven T. Boswell
Director of Env. Affairs

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Co.
Groundwater Monitoring Summary
most recent five quarters

Well No.	Date	ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l [illegible]thene	ug/l chloroform	ug/l acetone
1A	06/15/2001	139.6	ND	ND	1.18	ND	ND	[illegible]2	1.33	ND
2	06/15/2001	ND	ND	ND	ND	1.06	2.28	1.2	ND	ND
3	ns									
4	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	06/15/2001	ND	ND	0.038	ND	ND	ND	ND	ND	ND
9	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
10	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	06/15/2001	ND	ND	ND	ND	ND	ND	13.7	ND	ND
12	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	06/15/2001	ND	ND	ND	ND	ND	ND	ND	1.02	ND
14	06/15/2001	4.08	ND	ND	ND	ND	ND	7.29	1.43	ND
16	06/15/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	03/14/2001	216.38	ND	ND	1.42	ND	ND	8.03	1.53	11.1	ND	ND	ND	ND
2	03/14/2001	ND	ND	ND	ND	1.3	7.26	1.14	ND	11.2	ND	ND	ND	ND
3	ns													
4	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	15.2	ND	ND	ND	ND
5	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6	03/14/2001	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	03/14/2001	ND	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	03/14/2001	ND	ND	0.053	ND	ND	ND	ND	ND	10.6	ND	ND	ND	ND
9	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	10.7	2.39	1.12	1.25	1.25
10	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	10.7	ND	ND	ND	ND
11	03/14/2001	ND	ND	ND	ND	ND	ND	17	ND	ND	ND	ND	ND	1.01
12	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	03/14/2001	ND	ND	0.006	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND
14	03/14/2001	ND	ND	ND	ND	ND	ND	7.29	1.43	ND	ND	ND	ND	ND
16	03/14/2001	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethane	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	12/07/2000	2.38	ND	ND	1.36	ND	ND	7.52	ND	ND	ND	ND	ND	ND
2	12/07/2000	ND	ND	ND	ND	ND	1.62	2.16	ND	ND	ND	ND	ND	ND
3	ns													
4	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	12/07/2000	ND	ND	0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	12/07/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.39	1.12	1.25	1.25
10	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	12/07/2000	ND	ND	ND	ND	ND	ND	10.6	ND	ND	ND	ND	ND	1.01
12	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	12/07/2000	ND	ND	ND	ND	ND	ND	ND	1.21	ND	ND	ND	ND	ND
14	12/07/2000	ND	ND	ND	ND	ND	ND	7.29	1.43	ND	ND	ND	ND	ND
16	12/07/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethene
1A	09/28/2000	125.7	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND
2	09/28/2000	ND	ND	ND	ND	ND	1.72	1.5	ND	ND	ND	ND	ND	ND
3	ns													
4	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	09/28/2000	ND	ND	0.019	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	09/28/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.39	1.12	1.25	1.25
10	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	09/28/2000	1.81	ND	ND	ND	ND	ND	13.9	ND	ND	ND	ND	ND	1.01
12	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	09/28/2000	ND	ND	ND	ND	ND	ND	ND	1.19	ND	ND	ND	ND	ND
14	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	09/28/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

		ug/l Dinoseb	ug/l Toxaphene	mg/l Arsenic	ug/l 1,2 dichlorobenzene	ug/l trans 1,2 dichloroethene	ug/l cis 1,2 dichloroethene	ug/l trichloroethene	ug/l chloroform	ug/l acetone	ug/l p,m xylene	ug/l o-xylene	ug/l 1,2,4 trimethylbenzene	ug/l 1,1 dichloroethane
1A	06/30/2000	126.7	ND	ND	1.21	ND	ND	8.55	ND	ND	ND	ND	ND	ND
2	06/30/2000	ND	ND	ND	ND	ND	2.01	1.42	ND	ND	ND	ND	ND	ND
3	ns													
4	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
6	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
7	06/30/2000	ND	ND	0.009	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	06/30/2000	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
9	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.39	1.12	1.25	1.25
10	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11	06/30/2000	1.85	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	1.01
12	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	06/30/2000	ND	ND	ND	ND	ND	ND	ND	1.13	ND	ND	ND	ND	ND
14	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16	06/30/2000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

APPENDIX H

DATA LOCATOR AND IMPACT SUMMARY
MW1A, MW2, MW3, MW4, MW5, MW6, MW7, MW8, MW9, MW10, MW11, MW12, MW13, MW14, MW16

Compound	Data Summarized on Page	Well Impacted Well Number (Con. Range)
Arsenic , mg/l	H-21A, H-22A, H-21B, H-22B, H-21C, H-22C	1A (ND-0.054), 2 (ND-0.026), 3 (ND-0.022), 4 (ND-0.0089), 5 (ND-0.070), 6 (ND-0.0015), 7 (ND-0.113), 8 (ND-0.068), 9 (ND-0.009), 10 (ND-0.015), 11 (ND-0.012), 12 (ND-0.020), 13 (ND-0.101), 14 (ND-0.007), 16 (ND-0.021)
Dinitrobutylphenol (Dinoseb)	H-37A, H-38A, H-37B, H-38B, H-37C, H-38C	1A (2.34-5500), 4 (ND-0.505), 5 (ND-12.0), 6 (ND-75.0), 7 (ND-4.5), 8 (ND-0.686), 9 (ND-11.4), 10 (ND-0.836), 11 (ND-29), 12 (ND-0.91), 13 (ND-1.21), 14 (ND-0.746), 16 (ND-0.391)
Toxaphene	H-51A, H-52A, H-51B, H-52B, H-51C, H-52C	6 (ND-25.0), 7 (ND-2.77), 11 (ND-2.22)
NOTE: RESULTS ARE ug/l, EXCEPT ARSENIC WHICH IS mg/l. SGB		
Acetone	H-18A, H-18B, H-18C	None -- Lab artifacts noted
Acrolein	H-19A, H-19B	None
Acrylonitrile	H-20A, H-20B, H-20C	None
Benzene	H-23A, H-23B, H-23C	None
Biomochloromethane	H-43C	None
Bromodichloromethane	H-24A, H-24B, H-24C	None
Bromoform	H-25A, H-25B, H-25	None
Bromomethane	H-26A, H-26B, H-14C	None
2-Butanone (MEK)	H-14A, H-14B, H-27C	None
Carbon Disulfide	H-27A, H-27B, H-27C	None
Carbon Tetrachloride	H-28A, H-28B, H-28C	None
Chlorobenzene	H-29A, H-29B, H-29C	None
Chloroethane	H-31A, H-31B, H-31C	None

APPENDIX H

DATA LOCATOR AND IMPACT SUMMARY (Continued)
MW1A, MW2, MW3, MW4, MW5, MW6, MW7, MW8, MW9, MW10, MW11, MW12, MW13, MW14, MW16

Compound	Data Summarized on Page	Well Impacted Well Number (Con. Range)
2-Chloroethylvinyl Ether	H-15A, H-15B,H-15C	None
Chloroform	H-32A, H-32B, H-32C	1A (ND-4), 12 (ND-1.37), 13 (ND-1.02-1.74)
Chloromethane	H-33A, H-33B, H-33C	None
Chlorodibromomethane	H-30A, H-30B	None
1,2 Dicromo-3-chloropropane	H-58C	None
Dibromoethane	H-35A, H35B	None
Dichlorobenzene	H-56C	1A (ND-2.75)
Dichlorodifluoromethane	H-36A, H-36B	None
1,1-Dichloroethane	H-10A, H-10B	None
1,2-Dichloroethane	H-11A, H-11B, H-11C	None
1,1-Dichloroethene	H-53B, H-53C	None
Cis 1,2 dichloroethene	H-54B, H-54C	2 (ND-6)
Trans 1,2-Dichloroethene	H-55B, H-55C	2 (ND-1.36)
1,2-Dichloropropane	H-59C	None
Cis-1,3-Dichloropropene	H-34A, H-34B, H-34C	None
Trans-1,3-Dichloropropene	H-1A, H-1B, H-1C	None
1,4-Dichloro-2-Butene	H-13A, H-13B, H-13C	None
Ethyl Benzene	H-40A, H-40B, H-40C	None
Ethyl Methacrylate	H-41A, H-41B, H-41C	None
2-Hexanone	H-14A, H-14B, H-14C	None

APPENDIX H

DATA LOCATOR AND IMPACT SUMMARY (Continued)
MW1A, MW2, MW3, MW4, MW5, MW6, MW7, MW8, MW9, MW10, MW11, MW12, MW13, MW14, MW16

Compound	Data Summarized on Page	Well Impacted Well Number (Con. Range)
Iodomethane	H-42A, H-42B, H-42C	None
Methylene Chloride	H-45A, H-46A, H-45B, H-46B, H-45C, H-46C	None – Lab artifacts noted
4-Methyl-2-Pentanone	H-17A, H-17B, H-17C	None
Styrene	H-47A, H-47B, H-47C	None
1,1,1,2 Tetrachloroethane	H-57C	None
1,1,2,2-Tetrachloroethane	H-8A, H-8B, H-8C	None
Tetrachloroethene (PCE)	H-48A, H-48B, H-48C	None
Toluene	H-49A, H-49B, H-49C	13 (ND-4.47)
1,1,1-Trichloroethane	H-7A, H-7B, H-7C	None
1,1,2-Trichloroethane	H-9A, H-9B, H-9C	None
Trichloroethene	H-3A, H-3B, H-3C	1A (ND-13), 2 (ND-2.0), 5 (ND-79), 6 (ND-9.03), 11 (ND-28.3)
Trichlorofluoromethane	H-2A, H-2B, H-2C	None
1,2,3-Trichloropropane	H-12A, H-12B, H-12C	None
Vinyl Acetate	H-4A, H-4B, H-4C	None
Vinyl Chloride	H-5A, H-5B, H-5C	6 (ND-4), 8 (1-5)
Total Xylenes	H-6A, H-6B, H-6C	1A (ND-5), 5 (ND-10), 6 (ND-7), 12 (ND-5)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7001 1140 0001 9228 9605

Vicksburg Chemical company

RECEIVED
DEC - 4 2001
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

November 28, 2001

Re: Vicksburg Chemical Company
Groundwater Monitoring, 3rd Quarter, 2001

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Results for dinoseb from the original sampling of September 24, 2001, were reviewed and beleived to be erroneous. Resampling for dinoseb was conducted November 1, 2001. Results from both samplings are included with this report. Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. McDill

Enclosures

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03932
Date/Time Collected: 09/30/01 07:00
Date/Time Analysis: 10/02/01 17:29
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.67	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	7.53	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03932
Date/Time Collected: 09/30/01 07:00
Date/Time Analysis: 10/02/01 17:29
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	1.27	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03932
Date/Time Collected: 09/30/01 07:00
Date/Time Analysis: 10/02/01 17:29
Sample Matrix: Water

Sample Location: MW-1A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	102.1
Toluene-d8	99.5
4-Bromofluorobenzene	100.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03933
Date/Time Collected: 09/30/01 07:10
Date/Time Analysis: 10/03/01 16:05
Sample Matrix: Water

Sample Location: MW-1C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.97	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	13.1	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03933
Date/Time Collected: 09/30/01 07:10
Date/Time Analysis: 10/03/01 16:05
Sample Matrix: Water

Sample Location: MW-1C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03933
Date/Time Collected: 09/30/01 07:10
Date/Time Analysis: 10/03/01 16:05
Sample Matrix: Water

Sample Location: MW-1C

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.3
Toluene-d8	102.7
4-Bromofluorobenzene	99.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03934
Date/Time Collected: 09/30/01 07:20
Date/Time Analysis: 10/02/01 18:00
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03934
Date/Time Collected: 09/30/01 07:20
Date/Time Analysis: 10/02/01 18:00
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03934
Date/Time Collected: 09/30/01 07:20
Date/Time Analysis: 10/02/01 18:00
Sample Matrix: Water

Sample Location: MW-2

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.7
Toluene-d8	99.4
4-Bromofluorobenzene	99.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03935
Date/Time Collected: 09/30/01 07:30
Date/Time Analysis: 10/02/01 18:31
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03935
Date/Time Collected: 09/30/01 07:30
Date/Time Analysis: 10/02/01 18:31
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03935
Date/Time Collected: 09/30/01 07:30
Date/Time Analysis: 10/02/01 18:31
Sample Matrix: Water

Sample Location: MW-4

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	103.1
Toluene-d8	100.4
4-Bromofluorobenzene	97.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03952
Date/Time Collected: 09/30/01 10:20
Date/Time Analysis: 10/02/01 19:03
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03952
Date/Time Collected: 09/30/01 10:20
Date/Time Analysis: 10/02/01 19:03
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03952
Date/Time Collected: 09/30/01 10:20
Date/Time Analysis: 10/02/01 19:03
Sample Matrix: Water

Sample Location: MW-7

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.2
Toluene-d8	100.4
4-Bromofluorobenzene	102.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03936
Date/Time Collected: 09/30/01 07:40
Date/Time Analysis: 10/02/01 19:34
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.57	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	5.31	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03936
Date/Time Collected: 09/30/01 07:40
Date/Time Analysis: 10/02/01 19:34
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03936
Date/Time Collected: 09/30/01 07:40
Date/Time Analysis: 10/02/01 19:34
Sample Matrix: Water

Sample Location: MW-8

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	103.0
Toluene-d8	99.4
4-Bromofluorobenzene	99.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03937
Date/Time Collected: 09/30/01 07:50
Date/Time Analysis: 10/02/01 20:05
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.11	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03937
Date/Time Collected: 09/30/01 07:50
Date/Time Analysis: 10/02/01 20:05
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03937
Date/Time Collected: 09/30/01 07:50
Date/Time Analysis: 10/02/01 20:05
Sample Matrix: Water

Sample Location: MW-9

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	105.8
Toluene-d8	100.5
4-Bromofluorobenzene	101.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03938
Date/Time Collected: 09/30/01 08:00
Date/Time Analysis: 10/02/01 20:36
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	14.3	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - *GC/MS Analytical Data*

Client: Vicksburg Chemical
Lab Sample Number: MS03938
Date/Time Collected: 09/30/01 08:00
Date/Time Analysis: 10/02/01 20:36
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03938
Date/Time Collected: 09/30/01 08:00
Date/Time Analysis: 10/02/01 20:36
Sample Matrix: Water

Sample Location: MW-10

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	103.0
Toluene-d8	97.7
4-Bromofluorobenzene	102.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03939
Date/Time Collected: 09/30/01 08:10
Date/Time Analysis: 10/03/01 16:37
Sample Matrix: Water

Sample Location: MW-10C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	704	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	875	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	1.30	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03939
Date/Time Collected: 09/30/01 08:10
Date/Time Analysis: 10/03/01 16:37
Sample Matrix: Water

Sample Location: MW-10C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	2.51	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	2.38	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	28.2*	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03939
Date/Time Collected: 09/30/01 08:10
Date/Time Analysis: 10/03/01 16:37
Sample Matrix: Water

Sample Location: MW-10C

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.3
Toluene-d8	102.8
4-Bromofluorobenzene	99.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03940
Date/Time Collected: 09/30/01 08:20
Date/Time Analysis: 10/02/01 21:08
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03940
Date/Time Collected: 09/30/01 08:20
Date/Time Analysis: 10/02/01 21:08
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	26.7*	25

* Possible Laboratory contamination.

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03940
Date/Time Collected: 09/30/01 08:20
Date/Time Analysis: 10/02/01 21:08
Sample Matrix: Water

Sample Location: MW-11

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	104.5
Toluene-d8	102.7
4-Bromofluorobenzene	99.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03941
Date/Time Collected: 09/30/01 08:30
Date/Time Analysis: 10/02/01 21:39
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03941
Date/Time Collected: 09/30/01 08:30
Date/Time Analysis: 10/02/01 21:39
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03941
Date/Time Collected: 09/30/01 08:30
Date/Time Analysis: 10/02/01 21:39
Sample Matrix: Water

Sample Location: MW-12

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	103.1
Toluene-d8	100.2
4-Bromofluorobenzene	102.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03942
Date/Time Collected: 09/30/01 09:30
Date/Time Analysis: 10/04/01 14:58
Sample Matrix: Water

Sample Location: MW-12C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	1.73	1
Bromochloromethane	ND	1
Chloroform	515	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	825	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	22.4	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	1.12	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03942
Date/Time Collected: 09/30/01 09:30
Date/Time Analysis: 10/04/01 14:58
Sample Matrix: Water

Sample Location: MW-12C

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	8.03	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	4.25	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03942
Date/Time Collected: 09/30/01 09:30
Date/Time Analysis: 10/04/01 14:58
Sample Matrix: Water

Sample Location: MW-12C

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	92.7
Toluene-d8	103.0
4-Bromofluorobenzene	99.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03943
Date/Time Collected: 09/30/01 08:40
Date/Time Analysis: 10/03/01 12:09
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03943
Date/Time Collected: 09/30/01 08:40
Date/Time Analysis: 10/03/01 12:09
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03943
Date/Time Collected: 09/30/01 08:40
Date/Time Analysis: 10/03/01 12:09
Sample Matrix: Water

Sample Location: MW-13

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.0
Toluene-d8	99.0
4-Bromofluorobenzene	100.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03944
Date/Time Collected: 09/30/01 08:50
Date/Time Analysis: 10/03/01 12:40
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	15.4	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03944
Date/Time Collected: 09/30/01 08:50
Date/Time Analysis: 10/03/01 12:40
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03944
Date/Time Collected: 09/30/01 08:50
Date/Time Analysis: 10/03/01 12:40
Sample Matrix: Water

Sample Location: MW-14

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.6
Toluene-d8	101.6
4-Bromofluorobenzene	101.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03945
Date/Time Collected: 09/30/01 09:00
Date/Time Analysis: 10/03/01 13:11
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03945
Date/Time Collected: 09/30/01 09:00
Date/Time Analysis: 10/03/01 13:11
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

***Method Reference:* SW846-8260**
MDL - Method Detection Limit
***ND* - Not Detected**

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03945
Date/Time Collected: 09/30/01 09:00
Date/Time Analysis: 10/03/01 13:11
Sample Matrix: Water

Sample Location: MW-16

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.0
Toluene-d8	99.0
4-Bromofluorobenzene	96.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03946
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 17:43
Sample Matrix: Water

Sample Location: MW-17A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03946
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 17:43
Sample Matrix: Water

Sample Location: MW-17A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03946
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 17:43
Sample Matrix: Water

Sample Location: MW-17A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	101.7
Toluene-d8	100.6
4-Bromofluorobenzene	100.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03947
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 18:14
Sample Matrix: Water

Sample Location: MW-17B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03947
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 18:14
Sample Matrix: Water

Sample Location: MW-17B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03947
Date/Time Collected: 09/30/01 09:20
Date/Time Analysis: 10/03/01 18:14
Sample Matrix: Water

Sample Location: MW-17B

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	103.0
Toluene-d8	102.0
4-Bromofluorobenzene	98.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03948
Date/Time Collected: 09/30/01 09:40
Date/Time Analysis: 10/03/01 18:46
Sample Matrix: Water

Sample Location: MW-18A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	1.59	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03948
Date/Time Collected: 09/30/01 09:40
Date/Time Analysis: 10/03/01 18:46
Sample Matrix: Water

Sample Location: MW-18A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	227	1
p,m-Xylene	600	1
o-Xylene	129	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	17.5	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	75.0	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	124	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	232	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	1.61	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03948
Date/Time Collected: 09/30/01 09:40
Date/Time Analysis: 10/03/01 18:46
Sample Matrix: Water

Sample Location: MW-18A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	105.1
Toluene-d8	98.8
4-Bromofluorobenzene	99.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03949
Date/Time Collected: 09/30/01 09:50
Date/Time Analysis: 10/03/01 21:22
Sample Matrix: Water

Sample Location: MW-18B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03949
Date/Time Collected: 09/30/01 09:50
Date/Time Analysis: 10/03/01 21:22
Sample Matrix: *Water*

Sample Location: MW-18B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	**ND**	1
Tetrachloroethene	**ND**	1
Dibromochloromethane	**ND**	1
1,2-Dibromoethane	**ND**	1
Chlorobenzene	**ND**	1
1,1,1,2-Tetrachloroethane	**ND**	1
Ethylbenzene	**34.1**	1
p,m-Xylene	**6.25**	1
o-Xylene	**11.9**	1
Styrene	**ND**	1
Bromoform	**ND**	1
Isopropylbenzene	**2.76**	1
1,1,2,2-Tetrachloroethane	**ND**	1
Bromobenzene	**ND**	1
1,2,3-Trichloropropane	**ND**	1
n-Propylbenzene	**8.83**	1
2-Chlorotoluene	**ND**	1
1,3,5-Trimethylbenzene	**12.9**	1
4-Chlorotoluene	**ND**	1
tert-Butylbenzene	**ND**	1
1,2,4-Trimethylbenzene	**18.4**	1
sec-Butylbenzene	**ND**	1
1,3-Dichlorobenzene	**ND**	1
p-Isopropyltoluene	**ND**	1
1,4-Dichlorobenzene	**ND**	1
n-Butylbenzene	**ND**	1
1,2-Dichlorobenzene	**ND**	1
1,2-Dibromo-3-chloropropane	**ND**	1
1,2,4-Trichlorobenzene	**ND**	1
Hexachlorobutadiene	**ND**	1
Naphthalene	**ND**	1
1,2,3-Trichlorobenzene	**ND**	1
Acetone	**ND**	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03949
Date/Time Collected: 09/30/01 09:50
Date/Time Analysis: 10/03/01 21:22
Sample Matrix: Water

Sample Location: MW-18B

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.2
Toluene-d8	99.4
4-Bromofluorobenzene	99.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03950
Date/Time Collected: 09/30/01 10:00
Date/Time Analysis: 10/03/01 14:14
Sample Matrix: Water

Sample Location: PZ-22A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	38.5	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03950
Date/Time Collected: 09/30/01 10:00
Date/Time Analysis: 10/03/01 14:14
Sample Matrix: Water

Sample Location: PZ-22A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03950
Date/Time Collected: 09/30/01 10:00
Date/Time Analysis: 10/03/01 14:14
Sample Matrix: Water

Sample Location: PZ-22A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.5
Toluene-d8	100.4
4-Bromofluorobenzene	100.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03951
Date/Time Collected: 09/30/01 10:10
Date/Time Analysis: 10/03/01 14:46
Sample Matrix: Water

Sample Location: PZ-22B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	17.9	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	12.6	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	5383	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	2.08	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	107	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03951
Date/Time Collected: 09/30/01 10:10
Date/Time Analysis: 10/03/01 14:46
Sample Matrix: Water

Sample Location: PZ-22B

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	74.3	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	168	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03951
Date/Time Collected: 09/30/01 10:10
Date/Time Analysis: 10/03/01 14:46
Sample Matrix: Water

Sample Location: PZ-22B

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.7
Toluene-d8	103.3
4-Bromofluorobenzene	101.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03953
Date/Time Collected: 09/20/01 16:20
Date/Time Analysis: 10/03/01 13:43
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03953
Date/Time Collected: 09/20/01 16:20
Date/Time Analysis: 10/03/01 13:43
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

* Possible Laboratory contamination.

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03953
Date/Time Collected: 09/20/01 16:20
Date/Time Analysis: 10/03/01 13:43
Sample Matrix: Water

Sample Location: Trip Blank

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.9
Toluene-d8	100.0
4-Bromofluorobenzene	100.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	99.2	96.8	2.4
Benzene	104.0	102.8	1.2
Trichloroethene	94.1	94.3	0.2
Toluene	100.8	97.0	3.8
Chlorobenzene	101.4	99.6	1.8

All Data Validated by: _____
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

MSSI Magnolia Scientific Services, Inc.

Report of Analytical Results

Client:	Vicksburg Chemical PO Box 821003 Vicksburg, MS 39180

Lab Number:	MS03932-3952	
Collected:	09/30/01	
Received:	10/02/01	11:00

3rd Quarter, 2001

Sample Identity	Arsenic mg/l
Well 1A	ND
Well 1C	ND
Well 2	ND
Well 4	ND
Well 7	0.018
Well 8	0.013
Well 9	ND
Well 10	ND
Well 10C	ND
Well 11	ND
Well 12	ND
Well 12C	ND
Well 13	ND
Well 14	ND
Well 16	ND
Well 17A	ND
Well 17B	0.045
Well 18A	0.223
Well 18B	0.140
PZ 22A	ND
PZ 22B	ND
Date	10/08/01
Time	12:30
Analyst	DH
MDL	0.005
Method	200.7

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

MDL - Method Detection Limit
ND - Not Detected

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Client:	Vicksburg Chemical PO Box 821003 Vicksburg, MS 39180

Lab Number:	MS03932-3952	
Collected:	09/30/01	
Received:	10/02/01	11:00

QA/QC Results

Analyte	MS Rec %	MSD Rec %	RPD %
Arsenic	97.1	99.6	2.5

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04024
Date/Time Collected: 11/01/01 09:00

Sample Location: MW-1A

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	1.47	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	106.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04025
Date/Time Collected: 11/01/01 09:00

Sample Location: MW-1C

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	1.24	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	106.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04026
Date/Time Collected: 11/01/01 09:30

Sample Location: MW-2

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	121.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04027
Date/Time Collected: 11/01/01 08:47

Sample Location: MW-4

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	114.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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fax: (601)794-2547

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04028
Date/Time Collected: 11/01/01 07:55

Sample Location: MW-7

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	105.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04029
Date/Time Collected: 11/01/01 08:15

Sample Location: MW-8

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	144.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04030
Date/Time Collected: 11/01/01 09:05

Sample Location: MW-9

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	144.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04031
Date/Time Collected: 11/01/01 09:35

Sample Location: MW-10

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	116.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04032
Date/Time Collected: 11/01/01 09:50

Sample Location: MW-10C

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**8206**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	Dilution - out of range

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04033
Date/Time Collected: 11/01/01 08:10

Sample Location: MW-11

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	118.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04034
Date/Time Collected: 11/01/01 09:40

Sample Location: MW-12

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	132.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04035
Date/Time Collected: 11/01/01 09:45

Sample Location: MW-12C

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**12872**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	Dilution - Out of range

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04036
Date/Time Collected: 11/01/01 09:10

Sample Location: MW-13

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	124.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04037
Date/Time Collected: 11/01/01 08:55

Sample Location: MW-14

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	112.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04038
Date/Time Collected: 11/01/01 09:10

Sample Location: MW-16

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	108.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04039
Date/Time Collected: 11/01/01 09:25

Sample Location: MW-17A

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	123.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04040
Date/Time Collected: 11/01/01 09:28

Sample Location: MW-17B

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	158.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04041
Date/Time Collected: 11/01/01 09:32

Sample Location: MW-18A

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	106.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04042
Date/Time Collected: 11/01/01 09:36

Sample Location: MW-18B

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	127.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04043
Date/Time Collected: 11/01/01 09:00

Sample Location: PZ-22A

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	121.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS04044
Date/Time Collected: 11/01/01 08:55

Sample Location: PZ-22B

Date Analysis (Dinoseb): 11/07/01
Date Extraction (Dinoseb): 11/05/01
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Dichlorophenylacetic Acid	out of range

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	105.2	90.3	15.2

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03932
Date/Time Collected: 09/30/01 07:00

Sample Location: Well 1A

Date/Time Analysis (Dinoseb): 10/11/01 19:56
Date/Time Analysis (Toxaphene): 10/16/01 21:19
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	958.08	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.8
Dichlorophenylacetic Acid	95.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03933
Date/Time Collected: 09/30/01 07:10

Sample Location: Well 1C

Date/Time Analysis (Dinoseb): 10/11/01 08:51
Date/Time Analysis (Toxaphene): 10/16/01 23:30
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**4090.88**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.8
Dichlorophenylacetic Acid	94.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03934
Date/Time Collected: 09/30/01 07:20

Sample Location: Well 2

Date/Time Analysis (Dinoseb): 10/11/01 21:10
Date/Time Analysis (Toxaphene): 10/17/01 00:13
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**35.79**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.4
Dichlorophenylacetic Acid	85.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03935
Date/Time Collected: 09/30/01 07:30

Sample Location: Well 4

Date/Time Analysis (Dinoseb): 10/11/01 21:28
Date/Time Analysis (Toxaphene): 10/17/01 00:57
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	87.5
Dichlorophenylacetic Acid	91.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03952
Date/Time Collected: 09/30/01 10:20

Sample Location: Well 7

Date/Time Analysis (Dinoseb): 10/12/01 02:41
Date/Time Analysis (Toxaphene): 10/17/01 13:19
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	96.1
Dichlorophenylacetic Acid	80.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03936
Date/Time Collected: 09/30/01 07:40

Sample Location: Well 8

Date/Time Analysis (Dinoseb): 10/11/01 21:47
Date/Time Analysis (Toxaphene): 10/17/01 01:41
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**79.08**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	96.6
Dichlorophenylacetic Acid	86.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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email: rodney@magnoliascientific.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03937
Date/Time Collected: 09/30/01 07:50

Sample Location: Well 9

Date/Time Analysis (Dinoseb): 10/11/01 22:05
Date/Time Analysis (Toxaphene): 10/17/01 02:24
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	89.8
Dichlorophenylacetic Acid	80.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03938
Date/Time Collected: 09/30/01 08:00

Sample Location: Well 10

Date/Time Analysis (Dinoseb): 10/11/01 22:23
Date/Time Analysis (Toxaphene): 10/17/01 03:08
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**255.31**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	96.0
Dichlorophenylacetic Acid	91.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03939
Date/Time Collected: 09/30/01 08:10

Sample Location: Well 10C

Date/Time Analysis (Dinoseb): 10/11/01 22:42
Date/Time Analysis (Toxaphene): 10/17/01 03:52
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**1507480.22**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	98.8
Dichlorophenylacetic Acid	87.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03940
Date/Time Collected: 09/30/01 08:20

Sample Location: Well 11

Date/Time Analysis (Dinoseb): 10/11/01 23:00
Date/Time Analysis (Toxaphene): 10/17/01 04:35
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**9079.40**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	88.9
Dichlorophenylacetic Acid	86.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03941
Date/Time Collected: 09/30/01 08:30

Sample Location: Well 12

Date/Time Analysis (Dinoseb): 10/11/01 23:19
Date/Time Analysis (Toxaphene): 10/17/01 05:19
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**109.22**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	95.8
Dichlorophenylacetic Acid	94.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03942
Date/Time Collected: 09/30/01 09:30

Sample Location: Well 12C

Date/Time Analysis (Dinoseb): 10/11/01 23:37
Date/Time Analysis (Toxaphene): 10/17/01 06:02
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**2406326.58**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.0
Dichlorophenylacetic Acid	82.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03943
Date/Time Collected: 09/30/01 08:40

Sample Location: Well 13

Date/Time Analysis (Dinoseb): 10/11/01 23:55
Date/Time Analysis (Toxaphene): 10/17/01 06:46
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**86382.67**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.6
Dichlorophenylacetic Acid	89.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03944
Date/Time Collected: 09/30/01 08:50

Sample Location: Well 14

Date/Time Analysis (Dinoseb): 10/12/01 00:14
Date/Time Analysis (Toxaphene): 10/17/01 07:30
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**501.76**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.4
Dichlorophenylacetic Acid	96.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03945
Date/Time Collected: 09/30/01 09:00

Sample Location: Well 16

Date/Time Analysis (Dinoseb): 10/12/01 00:32
Date/Time Analysis (Toxaphene): 10/17/01 08:13
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**8512.46**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	99.6
Dichlorophenylacetic Acid	88.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03946
Date/Time Collected: 09/30/01 09:20

Sample Location: Well 17A

Date/Time Analysis (Dinoseb): 10/12/01 00:50
Date/Time Analysis (Toxaphene): 10/17/01 08:57
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**5338.80**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	89.7
Dichlorophenylacetic Acid	95.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03947
Date/Time Collected: 09/30/01 09:20

Sample Location: Well 17B

Date/Time Analysis (Dinoseb): 10/12/01 01:09
Date/Time Analysis (Toxaphene): 10/17/01 09:41
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**128.20**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	97.4
Dichlorophenylacetic Acid	87.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03948
Date/Time Collected: 09/30/01 09:40

Sample Location: Well 18A

Date/Time Analysis (Dinoseb): 10/12/01 01:27
Date/Time Analysis (Toxaphene): 10/17/01 10:24
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**64.72**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.7
Dichlorophenylacetic Acid	95.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03949
Date/Time Collected: 09/30/01 09:50

Sample Location: Well 18B

Date/Time Analysis (Dinoseb): 10/12/01 01:46
Date/Time Analysis (Toxaphene): 10/17/01 11:08
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**723.00**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	89.3
Dichlorophenylacetic Acid	92.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03950
Date/Time Collected: 09/30/01 10:00

Sample Location: Well PZ22A

Date/Time Analysis (Dinoseb): 10/12/01 02:04
Date/Time Analysis (Toxaphene): 10/17/01 11:51
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**79.14**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.8
Dichlorophenylacetic Acid	96.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03951
Date/Time Collected: 09/30/01 10:10

Sample Location: Well PZ22B

Date/Time Analysis (Dinoseb): 10/12/01 02:22
Date/Time Analysis (Toxaphene): 10/17/01 12:35
Date/Time Extraction (Dinoseb): 10/05/01 09:00
Date/Time Extraction (Toxaphene): 10/04/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**2737.34**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.0
Dichlorophenylacetic Acid	91.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	93.0	100.6	7.9
Toxaphene	97.2	91.7	5.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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SAMPLE	Dinoseb (ppb)
MW1A	1.47
MW1A MS	105.20%
MW1A MSD	90.28%
MW1C	1.24
MW2	ND
MW4	ND
MW7	ND
MW8	ND
MW9	ND
MW10	ND
MW10C	124.6 new best guess 8.8 ppm
MW11	ND
MW12	ND
MW12C	12872
MW13	ND
MW14	ND
MW16	ND
MW17A	ND
MW17B	ND
MW18A	ND
MW18B	ND
PZ22A	ND
PZ22B	ND

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7000 0520 0025 37[illegible]835[illegible]

Haz Waste File
Warren Co.

Vicksburg
Chemical company

RECEIVED
JUL 24 2001
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

July 2, 2001

Re: Vicksburg Chemical Company
Groundwater Monitoring, 2nd Quarter, 2001

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. McDill

Enclosures

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
06/15/2001

Well No.	Water Elevation, ft. above MSL
1A	108.49
2	97.52
3	not sampled
4	106.28
5	83.33
6	84.97
7	89.39
8	102.83
9	110.31
10	107.7
11	98.48
12	107.69
13	110.27
14	107.9
16	109.34

MSSI Magnolia Scientific Services, Inc.

Report of Analytical Results

Client:	Vicksburg Chemical PO Box 821003 Vicksburg, MS 39180

Lab Number:	MS03532-3545	
Collected:	06/21/01	
Received:	06/22/01	14:25

2nd Quarter 2001 - Groundwater Wells

Sample Location	Arsenic mg/kg
Well 1A	ND
Well 2	ND
Well 4	ND
Well 5	ND
Well 6	ND
Well 7	ND
Well 8	***0.038***
Well 9	ND
Well 10	ND
Well 11	ND
Well 12	ND
Well 13	ND
Well 14	ND
Well 16	ND
Date	6/26/2001
Time	10:40
Analyst	DH
MDL	0.005
Method	200.7

QA/QC Results

Analyte	MS Rec %	MSD Rec %	RPD %
Arsenic	94.6	95.3	0.7

All Data Validated by: Rodney W. Culpepper

Rodney W. Culpepper
Laboratory Manager

MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03532
Date/Time Collected: 06/21/01

Sample Location: MW-1A

Date/Time Analysis (Dinoseb): 07/15/01 20:48
Date/Time Analysis (Toxaphene): 07/12/01 14:50
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**139.59**	**1.00**
Toxaphene	**ND**	**1.00**
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.5
Dichlorophenylacetic Acid	85.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - *GC/ECD Analytical Data*

Client: Vicksburg Chemical
Lab Sample Number: MS03533
Date/Time Collected: 06/21/01

Sample Location: MW-2

Date/Time Analysis (Dinoseb): 07/15/01 21:20
Date/Time Analysis (Toxaphene): 07/12/01 15:22
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.2
Dichlorophenylacetic Acid	89.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03534
Date/Time Collected: 06/21/01

Sample Location: MW-4

Date/Time Analysis (Dinoseb): 07/15/01 21:52
Date/Time Analysis (Toxaphene): 07/12/01 15:54
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	89.5
Dichlorophenylacetic Acid	95.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03535
Date/Time Collected: 06/21/01

Sample Location: MW-5

Date/Time Analysis (Dinoseb): 07/15/01 22:23
Date/Time Analysis (Toxaphene): 07/12/01 16:27
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.4
Dichlorophenylacetic Acid	97.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03536
Date/Time Collected: 06/21/01

Sample Location: MW-6

Date/Time Analysis (Dinoseb): 07/15/01 22:55
Date/Time Analysis (Toxaphene): 07/12/01 16:59
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	97.2
Dichlorophenylacetic Acid	85.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03537
Date/Time Collected: 06/21/01

Sample Location: MW-7

Date/Time Analysis (Dinoseb): 07/15/01 23:26
Date/Time Analysis (Toxaphene): 07/12/01 17:34
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	93.7
Dichlorophenylacetic Acid	91.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03538
Date/Time Collected: 06/21/01

Sample Location: MW-8

Date/Time Analysis (Dinoseb): 07/15/01 23:58
Date/Time Analysis (Toxaphene): 07/12/01 18:09
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**
Atrazine	**ND**	**1.00**
Cyanazine	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	97.9
Dichlorophenylacetic Acid	93.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03539
Date/Time Collected: 06/21/01

Sample Location: MW-9

Date/Time Analysis (Dinoseb): 07/15/01 00:30
Date/Time Analysis (Toxaphene): 07/12/01 18:41
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**
Atrazine	**ND**	**1.00**
Cyanazine	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	93.9
Dichlorophenylacetic Acid	85.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03540
Date/Time Collected: 06/21/01

Sample Location: MW-10

Date/Time Analysis (Dinoseb): 07/16/01 01:01
Date/Time Analysis (Toxaphene): 07/12/01 19:13
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	79.2
Dichlorophenylacetic Acid	82.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03541
Date/Time Collected: 06/21/01

Sample Location: MW-11

Date/Time Analysis (Dinoseb): 07/16/01 01:33
Date/Time Analysis (Toxaphene): 07/12/01 19:45
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	85.0
Dichlorophenylacetic Acid	84.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03542
Date/Time Collected: 06/21/01

Sample Location: MW-12

Date/Time Analysis (Dinoseb): 07/16/01 02:04
Date/Time Analysis (Toxaphene): 07/12/01 20:18
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	86.2
Dichlorophenylacetic Acid	93.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03543
Date/Time Collected: 06/21/01

Sample Location: MW-13

Date/Time Analysis (Dinoseb): 07/16/01 02:36
Date/Time Analysis (Toxaphene): 07/12/01 20:51
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	84.6
Dichlorophenylacetic Acid	91.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03544
Date/Time Collected: 06/21/01

Sample Location: MW-14

Date/Time Analysis (Dinoseb): 07/16/01 03:08
Date/Time Analysis (Toxaphene): 07/12/01 21:25
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**4.08**	**1.00**
Toxaphene	**ND**	**1.00**
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.4
Dichlorophenylacetic Acid	83.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03545
Date/Time Collected: 06/21/01

Sample Location: MW-16

Date/Time Analysis (Dinoseb): 07/16/01 03:39
Date/Time Analysis (Toxaphene): 07/12/01 21:59
Date/Time Extraction (Dinoseb): 06/26/01 09:00
Date/Time Extraction (Toxaphene): 06/27/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00
Atrazine	ND	1.00
Cyanazine	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.6
Dichlorophenylacetic Acid	80.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	89.2	92.8	4.0
Toxaphene	91.6	88.5	3.4
Atrazine	94.1	91.4	2.9
Cyanazine	89.7	84.3	6.3

All Data Validated by: Rodney W. Cilpepper
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Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03532
Date/Time Collected: 06/21/01 13:50
Date/Time Analysis: 06/26/01 12:25
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.33	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	7.12	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03532
Date/Time Collected: 06/21/01 13:50
Date/Time Analysis: 06/26/01 12:25
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	1.18	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03532
Date/Time Collected: 06/21/01 13:50
Date/Time Analysis: 06/26/01 12:25
Sample Matrix: Water

Sample Location: MW-1A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	96.1
Toluene-d8	96.8
4-Bromofluorobenzene	92.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - *GC/MS Analytical Data*

Client: Vicksburg Chemical
Lab Sample Number: MS03533
Date/Time Collected: 06/21/01 14:10
Date/Time Analysis: 06/26/01 12:57
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	**1.06**	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	**2.28**	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	**1.20**	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03533
Date/Time Collected: 06/21/01 14:10
Date/Time Analysis: 06/26/01 12:57
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03533
Date/Time Collected: 06/21/01 14:10
Date/Time Analysis: 06/26/01 12:57
Sample Matrix: Water

Sample Location: MW-2

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.0
Toluene-d8	96.0
4-Bromofluorobenzene	92.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03534
Date/Time Collected: 06/21/01 17:30
Date/Time Analysis: 06/26/01 13:29
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03534
Date/Time Collected: 06/21/01 17:30
Date/Time Analysis: 06/26/01 13:29
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03534
Date/Time Collected: 06/21/01 17:30
Date/Time Analysis: 06/26/01 13:29
Sample Matrix: Water

Sample Location: MW-4

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.7
Toluene-d8	95.7
4-Bromofluorobenzene	91.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03535
Date/Time Collected: 06/21/01 15:00
Date/Time Analysis: 06/26/01 14:00
Sample Matrix: Water

Sample Location: MW-5

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03535
Date/Time Collected: 06/21/01 15:00
Date/Time Analysis: 06/26/01 14:00
Sample Matrix: Water

Sample Location: MW-5

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03535
Date/Time Collected: 06/21/01 15:00
Date/Time Analysis: 06/26/01 14:00
Sample Matrix: Water

Sample Location: MW-5

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.8
Toluene-d8	97.4
4-Bromofluorobenzene	93.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03536
Date/Time Collected: 06/21/01 15:10
Date/Time Analysis: 06/26/01 14:32
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03536
Date/Time Collected: 06/21/01 15:10
Date/Time Analysis: 06/26/01 14:32
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03536
Date/Time Collected: 06/21/01 15:10
Date/Time Analysis: 06/26/01 14:32
Sample Matrix: Water

Sample Location: MW-6

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	101.8
Toluene-d8	96.0
4-Bromofluorobenzene	95.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03537
Date/Time Collected: 06/21/01 15:20
Date/Time Analysis: 06/26/01 16:08
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03537
Date/Time Collected: 06/21/01 15:20
Date/Time Analysis: 06/26/01 16:08
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03537
Date/Time Collected: 06/21/01 15:20
Date/Time Analysis: 06/26/01 16:08
Sample Matrix: Water

Sample Location: MW-7

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	95.9
Toluene-d8	95.5
4-Bromofluorobenzene	92.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03538
Date/Time Collected: 06/21/01 15:30
Date/Time Analysis: 06/26/01 16:40
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03538
Date/Time Collected: 06/21/01 15:30
Date/Time Analysis: 06/26/01 16:40
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03538
Date/Time Collected: 06/21/01 15:30
Date/Time Analysis: 06/26/01 16:40
Sample Matrix: Water

Sample Location: MW-8

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	99.2
Toluene-d8	97.1
4-Bromofluorobenzene	92.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03539
Date/Time Collected: 06/21/01 14:20
Date/Time Analysis: 06/27/01 13:08
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03539
Date/Time Collected: 06/21/01 14:20
Date/Time Analysis: 06/27/01 13:08
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03539
Date/Time Collected: 06/21/01 14:20
Date/Time Analysis: 06/27/01 13:08
Sample Matrix: Water

Sample Location: MW-9

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.3
Toluene-d8	93.6
4-Bromofluorobenzene	91.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03540
Date/Time Collected: 06/21/01 13:00
Date/Time Analysis: 06/26/01 17:43
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03540
Date/Time Collected: 06/21/01 13:00
Date/Time Analysis: 06/26/01 17:43
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03540
Date/Time Collected: 06/21/01 13:00
Date/Time Analysis: 06/26/01 17:43
Sample Matrix: Water

Sample Location: MW-10

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	98.3
Toluene-d8	96.7
4-Bromofluorobenzene	93.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03541
Date/Time Collected: 06/21/01 13:10
Date/Time Analysis: 06/26/01 18:15
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	13.7	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03541
Date/Time Collected: 06/21/01 13:10
Date/Time Analysis: 06/26/01 18:15
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03541
Date/Time Collected: 06/21/01 13:10
Date/Time Analysis: 06/26/01 18:15
Sample Matrix: Water

Sample Location: MW-11

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	96.4
Toluene-d8	95.6
4-Bromofluorobenzene	93.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03542
Date/Time Collected: 06/21/01 13:20
Date/Time Analysis: 06/26/01 18:47
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03542
Date/Time Collected: 06/21/01 13:20
Date/Time Analysis: 06/26/01 18:47
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03542
Date/Time Collected: 06/21/01 13:20
Date/Time Analysis: 06/26/01 18:47
Sample Matrix: Water

Sample Location: MW-12

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	96.9
Toluene-d8	93.8
4-Bromofluorobenzene	93.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03543
Date/Time Collected: 06/21/01 14:40
Date/Time Analysis: 06/26/01 19:19
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.02	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03543
Date/Time Collected: 06/21/01 14:40
Date/Time Analysis: 06/26/01 19:19
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03543
Date/Time Collected: 06/21/01 14:40
Date/Time Analysis: 06/26/01 19:19
Sample Matrix: Water

Sample Location: MW-13

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.7
Toluene-d8	94.6
4-Bromofluorobenzene	92.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03544
Date/Time Collected: 06/21/01 14:00
Date/Time Analysis: 06/26/01 19:50
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	**1.43**	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	**7.29**	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03544
Date/Time Collected: 06/21/01 14:00
Date/Time Analysis: 06/26/01 19:50
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03544
Date/Time Collected: 06/21/01 14:00
Date/Time Analysis: 06/26/01 19:50
Sample Matrix: Water

Sample Location: MW-14

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.0
Toluene-d8	95.7
4-Bromofluorobenzene	92.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03545
Date/Time Collected: 06/21/01 13:40
Date/Time Analysis: 06/27/01 14:05
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03545
Date/Time Collected: 06/21/01 13:40
Date/Time Analysis: 06/27/01 14:05
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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fax: (601)794-2547

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03545
Date/Time Collected: 06/21/01 13:40
Date/Time Analysis: 06/27/01 14:05
Sample Matrix: Water

Sample Location: MW-16

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	98.6
Toluene-d8	95.9
4-Bromofluorobenzene	92.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03546
Date/Time Collected: 06/13/01 14:50
Date/Time Analysis: 06/26/01 21:57
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	1.94	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03546
Date/Time Collected: 06/13/01 14:50
Date/Time Analysis: *06/26/01 21:57*
Sample Matrix: Water

Sample Location: *Trip Blank*

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03546
Date/Time Collected: 06/13/01 14:50
Date/Time Analysis: 06/26/01 21:57
Sample Matrix: Water

Sample Location: Trip Blank

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	98.7
Toluene-d8	95.5
4-Bromofluorobenzene	95.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	110.0	101.8	7.7
Benzene	106.2	101.8	4.2
Trichloroethene	100.1	99.2	0.9
Toluene	100.0	107.6	7.3
Chlorobenzene	104.6	105.0	0.4

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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phone: (601)794-2309
fax: (601)794-2547

MSSI
Magnolia Scientific Services, Inc.

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

COMPANY: Vicksburg Chemical
ADDRESS: PO Box 821003
Vicksburg MS 39182
CONTACT: Anthony Lobeed, Steve Boswell
PHONE: 601 636 1231 FAX: 601-638-0890
PROJECT: 2nd QTR 2001 Groundwell Groundwater
SAMPLE COLLECTOR: Anthony Lobeed

Analysis Requested

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	Dinoseb	Toxaphene	Arsenic	Volatile						QC LABORATORY IDENTIFICATION CODE
1	6-21		Well 1A	50	GW											MSO 3532
2	6-21		Well 2													MSO 3533
3	6-21		Well 4													MSO 3534
4	6-21		#5													MSO 3535
5	6-21		#6													MSO 3536
6	6-21		#7													MSO 3537
7	6-21		#8													MSO 3538
8	6-21		#9													MSO 3539
9	6-21		#10													MSO 3540
10	6-21		#11													MSO 3541

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[signature]	6/22/01	1425	[signature]	6/22/01	1425
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

COMMENTS:
Purchase Order # 01-063745 Please show on invoice

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MSSI
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[illegible]AIN OF CUSTODY RECORD

page [illegible]

CLIENT INFORMATION

COMPANY: Vicksburg Chemical
ADDRESS: PO Box 821003
Vicksburg Ms 39182
CONTACT: Anthony Lobeed, Steve Boswell
PHONE: 601 636 1231 FAX: 601 638 0870
PROJECT: 2ND QTR 2001 Groundwell Groundwater
SAMPLE COLLECTOR: Anthony Lobeed

Analysis Requested

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	Dinoseb	Toxaphene	Arsenic	Volatiles						LABORATORY IDENTIFICATION CODE
1	6-21		Well #12	5	GW											MSO 3540
2	6-21		#13	5												MSO 3543
3	6-21		#14	5												MSO 3544
4	6-21		#16	5												MSO 3545
5	6-21		Well 1A Matrix Spike	5												
6	6-21		Well 1A Matrix Dupe	5												
7	6-21		Well 1A Matrix Spk Dup	5												
8			Trip Blank							X						MSO 3546
9	6-21		Outfall Effluent		24Hr Comp			X								MSO 3547
10																

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[signature]	6/22/01	1425	[signature]	6/22	14[illegible]
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

COMMENTS: Purchase Order # 01-063745, please show on invoice

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Warren County
Haz. Waste File

Vicksburg
Chemical company

RECEIVED
APR 12 2001
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

April 11, 2001

Re: Vicksburg Chemical Company
Groundwater Monitoring, 1st Quarter, 2001

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. McDill

Enclosures

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
3/14/2001

Well No.	Water Elevation, ft. above MSL
1A	108.83
2	103.02
3	not sampled
4	108.53
5	88.5
6	92.22
7	95.84
8	104.95
9	112.02
10	109.95
11	99.31
12	110.03
13	110.9
14	108.48
16	110.59

MSSI Magnolia Scientific Services, Inc.

Report of Analytical Results

Client:	Vicksburg Chemical PO Box 821003 Vicksburg, MS 39180

Lab Number:	MS03042-3055	
Collected:	03/14/01	
Received:	03/14/01	11:35

Sample Location	Arsenic mg/L
MW 1A	ND
MW 2	ND
MW 4	ND
MW 5	ND
MW 6	ND
MW 7	0.009
MW 8	0.053
MW 9	ND
MW 10	ND
MW 11	ND
MW 12	ND
MW 13	0.006
MW 14	ND
MW 16	ND
Date	3/15/2001
Time	9:50
Analyst	DH
MDL	0.005
Method	200.7

QA/QC Results

Analyte	MS Rec %	MSD Rec %	RPD %
Arsenic	103.4	103.4	0

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

MDL - Method Detection Limit
ND - Not Detected

129 Front Street
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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03042
Date/Time Collected: 03/14/01 07:00

Sample Location: MW-1A

Date/Time Analysis (Dinoseb): 03/28/01 13:39
Date/Time Analysis (Toxaphene): 03/23/01 14:02
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**216.38**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	83.2
Dichlorophenylacetic Acid	91.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03043
Date/Time Collected: 03/14/01 07:10

Sample Location: MW-2

Date/Time Analysis (Dinoseb): 03/28/01 15:56
Date/Time Analysis (Toxaphene): 03/23/01 15:38
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	79.1
Dichlorophenylacetic Acid	85.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03044
Date/Time Collected: 03/14/01 07:10

Sample Location: MW-4

Date/Time Analysis (Dinoseb): 03/28/01 16:21
Date/Time Analysis (Toxaphene): 03/23/01 16:10
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.5
Dichlorophenylacetic Acid	92.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03045
Date/Time Collected: 03/13/01 10:40

Sample Location: MW-5

Date/Time Analysis (Dinoseb): 03/28/01 16:46
Date/Time Analysis (Toxaphene): 03/23/01 16:42
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.1
Dichlorophenylacetic Acid	93.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03046
Date/Time Collected: 03/13/01 10:50

Sample Location: MW-6

Date/Time Analysis (Dinoseb): 03/28/01 17:11
Date/Time Analysis (Toxaphene): 03/23/01 17:14
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	2.4	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.1
Dichlorophenylacetic Acid	89.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03047
Date/Time Collected: 03/13/01 11:00

Sample Location: MW-7

Date/Time Analysis (Dinoseb): 03/28/01 17:37
Date/Time Analysis (Toxaphene): 03/23/01 17:46
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.6
Dichlorophenylacetic Acid	84.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03048
Date/Time Collected: 03/14/01 07:30

Sample Location: MW-8

Date/Time Analysis (Dinoseb): 03/28/01 08:02
Date/Time Analysis (Toxaphene): 03/23/01 18:18
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	98.4
Dichlorophenylacetic Acid	87.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03049
Date/Time Collected: 03/14/01 07:40

Sample Location: MW-9

Date/Time Analysis (Dinoseb): 03/28/01 18:27
Date/Time Analysis (Toxaphene): 03/23/01 18:50
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	83.2
Dichlorophenylacetic Acid	88.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03050
Date/Time Collected: 03/14/01 07:50

Sample Location: MW-10

Date/Time Analysis (Dinoseb): 03/28/01 18:52
Date/Time Analysis (Toxaphene): 03/23/01 19:22
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	86.1
Dichlorophenylacetic Acid	82.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03051
Date/Time Collected: 03/14/01 08:00

Sample Location: MW-11

Date/Time Analysis (Dinoseb): 03/28/01 19:18
Date/Time Analysis (Toxaphene): 03/23/01 19:54
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	88.1
Dichlorophenylacetic Acid	89.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03052
Date/Time Collected: 03/14/01 08:10

Sample Location: MW-12

Date/Time Analysis (Dinoseb): 03/28/01 19:43
Date/Time Analysis (Toxaphene): 03/23/01 20:25
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	89.1
Dichlorophenylacetic Acid	94.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03053
Date/Time Collected: 03/14/01 08:20

Sample Location: MW-13

Date/Time Analysis (Dinoseb): 03/28/01 20:09
Date/Time Analysis (Toxaphene): 03/23/01 20:57
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	91.9
Dichlorophenylacetic Acid	86.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03054
Date/Time Collected: 03/14/01 08:30

Sample Location: MW-14

Date/Time Analysis (Dinoseb): 03/28/01 20:34
Date/Time Analysis (Toxaphene): 03/23/01 21:29
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	86.1
Dichlorophenylacetic Acid	89.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03055
Date/Time Collected: 03/14/01 08:40

Sample Location: MW-16

Date/Time Analysis (Dinoseb): 03/28/01 20:59
Date/Time Analysis (Toxaphene): 03/23/01 22:01
Date/Time Extraction (Dinoseb): 03/21/01 09:00
Date/Time Extraction (Toxaphene): 03/19/01 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	90.5
Dichlorophenylacetic Acid	87.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	90.2	83.5	7.7
Toxaphene	97.4	98.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03042
Date/Time Collected: 03/14/01 07:00
Date/Time Analysis: 03/20/01 13:17
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.53	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	8.03	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03042
Date/Time Collected: 03/14/01 07:00
Date/Time Analysis: 03/20/01 13:17
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	1.42	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	11.1	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03042
Date/Time Collected: 03/14/01 07:00
Date/Time Analysis: 03/20/01 13:17
Sample Matrix: Water

Sample Location: MW-1A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	94.6
1,2-Dichloroethane-d4	96.4
Toluene-d8	105.9
4-Bromofluorobenzene	111.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03043
Date/Time Collected: 03/14/01 07:10
Date/Time Analysis: 03/20/01 16:06
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	1.30	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	7.26	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	1.14	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03043
Date/Time Collected: 03/14/01 07:10
Date/Time Analysis: 03/20/01 16:06
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	11.2	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03043
Date/Time Collected: 03/14/01 07:10
Date/Time Analysis: 03/20/01 16:06
Sample Matrix: Water

Sample Location: MW-2

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	105.2
1,2-Dichloroethane-d4	101.0
Toluene-d8	115.6
4-Bromofluorobenzene	119.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03044
Date/Time Collected: 03/14/01 07:20
Date/Time Analysis: 03/20/01 16:37
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03044
Date/Time Collected: 03/14/01 07:20
Date/Time Analysis: 03/20/01 16:37
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	15.2	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03044
Date/Time Collected: 03/14/01 07:20
Date/Time Analysis: 03/20/01 16:37
Sample Matrix: Water

Sample Location: MW-4

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	105.1
1,2-Dichloroethane-d4	104.8
Toluene-d8	113.8
4-Bromofluorobenzene	123.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03045
Date/Time Collected: 03/13/01 10:40
Date/Time Analysis: 03/20/01 17:08
Sample Matrix: Water

Sample Location: MW-5

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03045
Date/Time Collected: 03/13/01 10:40
Date/Time Analysis: 03/20/01 17:08
Sample Matrix: Water

Sample Location: MW-5

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03045
Date/Time Collected: 03/13/01 10:40
Date/Time Analysis: 03/20/01 17:08
Sample Matrix: Water

Sample Location: MW-5

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	87.4
1,2-Dichloroethane-d4	92.6
Toluene-d8	115.9
4-Bromofluorobenzene	117.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03046
Date/Time Collected: 03/13/01 10:50
Date/Time Analysis: 03/20/01 17:39
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03046
Date/Time Collected: 03/13/01 10:50
Date/Time Analysis: 03/20/01 17:39
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03046
Date/Time Collected: 03/13/01 10:50
Date/Time Analysis: 03/20/01 17:39
Sample Matrix: Water

Sample Location: MW-6

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	93.2
1,2-Dichloroethane-d4	92.4
Toluene-d8	116.4
4-Bromofluorobenzene	119.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03047
Date/Time Collected: 03/13/01 11:00
Date/Time Analysis: 03/20/01 18:10
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03047
Date/Time Collected: 03/13/01 11:00
Date/Time Analysis: 03/20/01 18:10
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03047
Date/Time Collected: 03/13/01 11:00
Date/Time Analysis: 03/20/01 18:10
Sample Matrix: Water

Sample Location: MW-7

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	98.8
1,2-Dichloroethane-d4	95.0
Toluene-d8	116.4
4-Bromofluorobenzene	117.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03048
Date/Time Collected: 03/14/01 07:30
Date/Time Analysis: 03/20/01 18:42
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03048
Date/Time Collected: 03/14/01 07:30
Date/Time Analysis: 03/20/01 18:42
Sample Matrix: Water

Sample Location: MW-8

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	10.6	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03048
Date/Time Collected: 03/14/01 07:30
Date/Time Analysis: 03/20/01 18:42
Sample Matrix: Water

Sample Location: MW-8

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	100.0
1,2-Dichloroethane-d4	99.0
Toluene-d8	116.7
4-Bromofluorobenzene	117.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03049
Date/Time Collected: 03/14/01 07:40
Date/Time Analysis: 03/20/01 19:13
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03049
Date/Time Collected: 03/14/01 07:40
Date/Time Analysis: 03/20/01 19:13
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	2.39	1
o-Xylene	1.12	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	1.25	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	10.7	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03049
Date/Time Collected: 03/14/01 07:40
Date/Time Analysis: 03/20/01 19:13
Sample Matrix: Water

Sample Location: MW-9

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	97.1
1,2-Dichloroethane-d4	96.4
Toluene-d8	115.4
4-Bromofluorobenzene	116.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03050
Date/Time Collected: 03/14/01 07:50
Date/Time Analysis: 03/20/01 19:44
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03050
Date/Time Collected: 03/14/01 07:50
Date/Time Analysis: 03/20/01 19:44
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	10.7	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03050
Date/Time Collected: 03/14/01 07:50
Date/Time Analysis: 03/20/01 19:44
Sample Matrix: Water

Sample Location: MW-10

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	88.6
1,2-Dichloroethane-d4	97.4
Toluene-d8	115.1
4-Bromofluorobenzene	118.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03051
Date/Time Collected: 03/14/01 08:00
Date/Time Analysis: 03/20/01 20:15
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	1.01	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	17.1	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03051
Date/Time Collected: 03/14/01 08:00
Date/Time Analysis: 03/20/01 20:15
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03051
Date/Time Collected: 03/14/01 08:00
Date/Time Analysis: 03/20/01 20:15
Sample Matrix: Water

Sample Location: MW-11

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	96.7
1,2-Dichloroethane-d4	100.8
Toluene-d8	113.6
4-Bromofluorobenzene	121.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03052
Date/Time Collected: 03/14/01 08:10
Date/Time Analysis: 03/20/01 20:46
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03052
Date/Time Collected: 03/14/01 08:10
Date/Time Analysis: 03/20/01 20:46
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03052
Date/Time Collected: 03/14/01 08:10
Date/Time Analysis: 03/20/01 20:46
Sample Matrix: Water

Sample Location: MW-12

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	94.0
1,2-Dichloroethane-d4	109.0
Toluene-d8	114.7
4-Bromofluorobenzene	121.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03053
Date/Time Collected: 03/14/01 08:20
Date/Time Analysis: 03/20/01 21:18
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.20	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03053
Date/Time Collected: 03/14/01 08:20
Date/Time Analysis: 03/20/01 21:18
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics *Component Name*	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03053
Date/Time Collected: 03/14/01 08:20
Date/Time Analysis: 03/20/01 21:18
Sample Matrix: Water

Sample Location: MW-13

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	93.1
1,2-Dichloroethane-d4	98.6
Toluene-d8	114.5
4-Bromofluorobenzene	119.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03054
Date/Time Collected: 03/14/01 08:30
Date/Time Analysis: 03/20/01 21:49
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03054
Date/Time Collected: 03/14/01 08:30
Date/Time Analysis: 03/20/01 21:49
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03054
Date/Time Collected: 03/14/01 08:30
Date/Time Analysis: 03/20/01 21:49
Sample Matrix: Water

Sample Location: MW-14

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	108.1
1,2-Dichloroethane-d4	113.8
Toluene-d8	113.4
4-Bromofluorobenzene	121.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03055
Date/Time Collected: 03/14/01 08:40
Date/Time Analysis: 03/20/01 22:20
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03055
Date/Time Collected: 03/14/01 08:40
Date/Time Analysis: 03/20/01 22:20
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	10

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03055
Date/Time Collected: 03/14/01 08:40
Date/Time Analysis: 03/20/01 22:20
Sample Matrix: Water

Sample Location: MW-16

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	95.5
1,2-Dichloroethane-d4	110.4
Toluene-d8	114.5
4-Bromofluorobenzene	121.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03056
Date/Time Collected: 03/08/01 10:50
Date/Time Analysis: 03/20/01 22:51
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	5
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03056
Date/Time Collected: 03/08/01 10:50
Date/Time Analysis: 03/20/01 22:51
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	11.5	10

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03056
Date/Time Collected: 03/08/01 10:50
Date/Time Analysis: 03/20/01 22:51
Sample Matrix: Water

Sample Location: Trip Blank

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	85.8
1,2-Dichloroethane-d4	98.6
Toluene-d8	105.8
4-Bromofluorobenzene	111.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS03056
Date/Time Collected: 03/08/01 10:50
Date/Time Analysis: 03/20/01 22:51
Sample Matrix: Water

Sample Location: Trip Blank

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	85.8
1,2-Dichloroethane-d4	98.6
Toluene-d8	105.8
4-Bromofluorobenzene	111.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	88.6	83.0	6.5
Benzene	100.0	99.8	0.2
Trichloroethene	98.1	98.1	0.0
Toluene	95.2	93.2	2.1
Chlorobenzene	102.2	101.4	0.8

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.
129 Front Street
Purvis, MS 39475
Tel. (601)794-2309
Fax (601)794-2547

Invoice

DATE	INVOICE #
4/3/2001	10649

BILL TO
Vicksburg Chemical PO Box 821003 Vicksburg, MS 39180

P.O. NO.	TERMS	PROJECT
01-33160	Net 30	RWC

MS03042-3056

ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT
V-1	14	Quarterly Well Monitoring	285.00	3,990.00
V-4	14	Atrazine/Cyanazine	55.00	770.00
		State Sales Tax	7.00%	0.00

Delinquent accounts will be subject to a 1.5% per month service charge.

Total $4,760.00

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Magnolia Scientific Services, Inc.

CHAIN OF CUSTODY RECORD

page ___ of ___

CLIENT INFORMATION

COMPANY: Vicksburg Chemical
ADDRESS: P.O. Box 821003
Vicksburg, MS ~~39180~~ 39182
CONTACT: David Green, Steve Boswell
PHONE: 601-636-1231 FAX: 601-638-0890
PROJECT: 1st Qtr 2001 Groundwater
SAMPLE COLLECTOR: Green

Analysis Requested: Dinoseb, Toxaphene, Arsenic, Volatiles

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	Dinoseb	Toxaphene	Arsenic	Volatiles						LABORATORY IDENTIFICATION CODE
1	3/14	0700	Well 1A	5	GW		↓	↓	↓	↓						MS03042
2	3/14	0710	Well 2	5	GW		↓	↓	↓	↓						3043
3	3/14	0720	Well 4				↓	↓	↓	↓						3044
4	3/13	1040	#5				↓	↓	↓	↓						3045
5	3/13	1050	#6				↓	↓	↓	↓						3046
6	3/13	1100	#7				↓									3047
7	3/14	0730	#8													3048
8	3/14	0740	#9													3049
9	3/14	0750	#10													3050
10	3/14	0800	#11													3051

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
David Green	3/14/01	1130	Ray Green	3/14	1130
Ray Green	3/14	1335	Rebecca Culpepper	3/14	1335

COMMENTS:
Purchase order # 01-33160 ; please show on invoice

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H88B40 BRIGGS [illegible]es, IA 50306 (800) 247-2343 PRINTED IN U.S.A.

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CLIENT INFORMATION

COMPANY: Vicksburg Chemical
ADDRESS: P.O. Box 821003
Vicksburg, MS 39182
CONTACT: David Green, Steve Boswell
PHONE: 601-636-1231 FAX: 601-638-0890
PROJECT: 1st Qtr 2001 Groundwater
SAMPLE COLLECTOR: Green

Analysis Requested

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	Dioxes	Toxaphene	Arsenic	Volatiles						LABORATORY IDENTIFICATION CODE
1	3/14	0810	Well #12	5	GW		↓	↓	↓	↓						MS03052
2	3/14	0820	#13	5												3053
3	3/14	0830	#14	5												3054
4	3/14	0840	#16	5						✓						3055
5	3/14	0700	Well 1A; Matrix Spike	5												
6	3/14	0700	Well 1A Mat. Spk. Dup	5												
7			Trip Blank							X						MS03056
9																
10																

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
David Green	3/14/01	11:30	[illegible]	3/14	1130
[illegible]	3/14	1335	[illegible]	3/14	1135

COMMENTS:
Purchase order # 01-33160 ; please show on invoice

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7000 0520 0025 3772 7946

Vicksburg Chemical company

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

January 23, 2001

Re: Vicksburg Chemical Company
Groundwater Monitoring, 4th Quarter, 2000

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. A second result for Well 1A is included. The well was resampled when first results indicated the concentration of dinoseb had increased significantly from previous results. The re-sample indicated a lower value.

Samples could not be obtained from Monitor Wells 5, 6 and 8. Wells 5 and 6 were dry. The shroud and casing of Well 8 have been damaged. The well will be repaired or plugged and replaced during the upcoming Groundwater Assessment required by Consent Decree W92-0008(B). Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. Keen

Enclosures

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
12/07/2000

Well No.	Water Elevation, ft. above MSL
1A	108.6
2	95.79
3	not sampled
4	105.38
5	81.48 (well dry, no sample)
6	82.05 (well dry, no sample)
7	83.59
8	no sample, well damaged
9	110.31
10	107.09
11	98.44
12	107.28
13	109.67
14	107.88
16	108.49

Magnolia Scientific Services, Inc.

Report of Analytical Results

Metals Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02615-MS02625
Date Collected: 12/07/00
Date/Time Analysis: 12/11/00 11:30
Sample Matrix: Water

ARSENIC

Sample Location	Sample Results mg/L (ppm)	Component MDL mg/L (ppm)
Well 1A	ND	0.005
Well # 2	ND	0.005
Well # 4	ND	0.005
Well # 7	0.026	0.005
Well # 9	ND	0.005
Well # 10	ND	0.005
Well # 11	ND	0.005
Well # 12	ND	0.005
Well # 13	ND	0.005
Well # 14	ND	0.005
Well # 16	ND	0.005

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Arsenic	91.6	90.0	1.8

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: EPA 200.7
MDL - Method Detection Limit
ND - Not Detected

129 Front Street

phone: (601)794-2309

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02615
Date/Time Collected: 12/07/00 10:00
Date/Time Analysis: 12/11/00 17:22
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	7.52	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02615
Date/Time Collected: 12/07/00 10:00
Date/Time Analysis: 12/11/00 17:22
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	1.36	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02615
Date/Time Collected: 12/07/00 10:00
Date/Time Analysis: 12/11/00 17:22
Sample Matrix: Water

Sample Location: MW-1A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	101.0
1,2-Dichloroethane-d4	103.0
Toluene-d8	103.5
4-Bromofluorobenzene	94.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02616
Date/Time Collected: 12/07/00 12:00
Date/Time Analysis: 12/11/00 17:54
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	1.62	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	2.16	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02616
Date/Time Collected: 12/07/00 12:00
Date/Time Analysis: 12/11/00 17:54
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02616
Date/Time Collected: 12/07/00 12:00
Date/Time Analysis: 12/11/00 17:54
Sample Matrix: Water

Sample Location: MW-2

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	109.4
1,2-Dichloroethane-d4	106.6
Toluene-d8	106.0
4-Bromofluorobenzene	93.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
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ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02617
Date/Time Collected: 12/07/00 12:30
Date/Time Analysis: 12/11/00 18:26
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02617
Date/Time Collected: *12/07/00* *12:30*
Date/Time Analysis: 12/11/00 18:26
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02617
Date/Time Collected: 12/07/00 12:30
Date/Time Analysis: 12/11/00 18:26
Sample Matrix: Water

Sample Location: MW-4

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	71.9
1,2-Dichloroethane-d4	107.0
Toluene-d8	106.4
4-Bromofluorobenzene	95.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02618
Date/Time Collected: 12/07/00 09:30
Date/Time Analysis: 12/11/00 18:58
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02618
Date/Time Collected: 12/07/00 09:30
Date/Time Analysis: 12/11/00 18:58
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02618
Date/Time Collected: 12/07/00 09:30
Date/Time Analysis: 12/11/00 18:58
Sample Matrix: Water

Sample Location: MW-7

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	108.5
1,2-Dichloroethane-d4	105.2
Toluene-d8	102.8
4-Bromofluorobenzene	93.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02619
Date/Time Collected: 12/07/00 11:30
Date/Time Analysis: 12/11/00 19:30
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02619
Date/Time Collected: 12/07/00 11:30
Date/Time Analysis: 12/11/00 19:30
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02619
Date/Time Collected: 12/07/00 11:30
Date/Time Analysis: 12/11/00 19:30
Sample Matrix: Water

Sample Location: MW-9

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	107.4
1,2-Dichloroethane-d4	105.2
Toluene-d8	105.6
4-Bromofluorobenzene	95.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02620
Date/Time Collected: 12/07/00 10:45
Date/Time Analysis: 12/11/00 20:01
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02620
Date/Time Collected: 12/07/00 10:45
Date/Time Analysis: 12/11/00 20:01
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02620
Date/Time Collected: 12/07/00 10:45
Date/Time Analysis: 12/11/00 20:01
Sample Matrix: Water

Sample Location: MW-10

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	82.0
1,2-Dichloroethane-d4	105.8
Toluene-d8	105.6
4-Bromofluorobenzene	94.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02621
Date/Time Collected: 12/07/00 11:00
Date/Time Analysis: 12/11/00 20:33
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	10.6	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02621
Date/Time Collected: 12/07/00 11:00
Date/Time Analysis: 12/11/00 20:33
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02621
Date/Time Collected: 12/07/00 11:00
Date/Time Analysis: 12/11/00 20:33
Sample Matrix: Water

Sample Location: MW-11

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	106.7
1,2-Dichloroethane-d4	103.0
Toluene-d8	103.4
4-Bromofluorobenzene	94.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02622
Date/Time Collected: 12/07/00 11:15
Date/Time Analysis: 12/11/00 21:05
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02622
Date/Time Collected: 12/07/00 11:15
Date/Time Analysis: 12/11/00 21:05
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02622
Date/Time Collected: 12/07/00 11:15
Date/Time Analysis: 12/11/00 21:05
Sample Matrix: Water

Sample Location: MW-12

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	104.4
1,2-Dichloroethane-d4	104.8
Toluene-d8	107.2
4-Bromofluorobenzene	98.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02623
Date/Time Collected: 12/07/00 11:45
Date/Time Analysis: 12/11/00 21:37
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.21	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02623
Date/Time Collected: 12/07/00 11:45
Date/Time Analysis: 12/11/00 21:37
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02623
Date/Time Collected: 12/07/00 11:45
Date/Time Analysis: 12/11/00 21:37
Sample Matrix: Water

Sample Location: MW-13

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	116.4
1,2-Dichloroethane-d4	57.1
Toluene-d8	110.4
4-Bromofluorobenzene	100.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02624
Date/Time Collected: 12/07/00 10:15
Date/Time Analysis: 12/11/00 22:08
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02624
Date/Time Collected: 12/07/00 10:15
Date/Time Analysis: 12/11/00 22:08
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02624
Date/Time Collected: 12/07/00 10:15
Date/Time Analysis: 12/11/00 22:08
Sample Matrix: Water

Sample Location: MW-14

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	114.2
1,2-Dichloroethane-d4	108.6
Toluene-d8	110.6
4-Bromofluorobenzene	99.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02625
Date/Time Collected: 12/07/00 15:00
Date/Time Analysis: 12/11/00 22:40
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
2-Chloroethylvinyl Ether	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	5
2-Hexanone	ND	5
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	10
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02625
Date/Time Collected: 12/07/00 15:00
Date/Time Analysis: 12/11/00 22:40
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	25

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02625
Date/Time Collected: 12/07/00 15:00
Date/Time Analysis: 12/11/00 22:40
Sample Matrix: Water

Sample Location: MW-16

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	108.5
1,2-Dichloroethane-d4	106.4
Toluene-d8	103.8
4-Bromofluorobenzene	93.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	91.6	84.0	8.7
Benzene	100.0	95.8	4.3
Trichloroethene	105.2	99.0	6.1
Toluene	104.6	101.4	3.1
Chlorobenzene	105.6	101.2	4.3

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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fax: (601)794-2547

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 01/19/01

Date Sampled: 01/12/01
Time Sampled: 14:00
Sampled by: E. Blush

Project ID/Location: Resample 4th Quarter

Date Received: 01/12/01

Sample Description: Monitoring Well 1A

Sample Number: BB01001

Project Number:

Sample Matrix: WATER

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Dinoseb	0.038	0.001	mg/L	8270C	RLT	01/18/01

ND = Not Detected

Unless otherwise noted, all results are reported on the as received basis.

argusnd

M. Posey
Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02615
Date/Time Collected: 12/07/00 10:00

Sample Location: MW-1A

Date/Time Analysis (Dinoseb): 12/18/00 21:06
Date/Time Analysis (Toxaphene): 12/16/00 00:36
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**2378**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.8
Dichlorophenylacetic Acid	94.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02616
Date/Time Collected: 12/07/00 12:00

Sample Location: MW-2

Date/Time Analysis (Dinoseb): 12/18/00 23:41
Date/Time Analysis (Toxaphene): 12/16/00 03:11
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	95.2
Dichlorophenylacetic Acid	97.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02617
Date/Time Collected: 12/07/00 12:30

Sample Location: MW-4

Date/Time Analysis (Dinoseb): 12/19/00 00:33
Date/Time Analysis (Toxaphene): 12/16/00 04:02
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	88.3
Dichlorophenylacetic Acid	103.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02618
Date/Time Collected: 12/07/00 09:30

Sample Location: MW-7

Date/Time Analysis (Dinoseb): 12/19/00 01:24
Date/Time Analysis (Toxaphene): 12/16/00 04:54
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	80.8
Dichlorophenylacetic Acid	98.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02619
Date/Time Collected: 12/07/00 11:30

Sample Location: MW-9

Date/Time Analysis (Dinoseb): 12/19/00 02:16
Date/Time Analysis (Toxaphene): 12/16/00 05:46
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	98.2
Dichlorophenylacetic Acid	102.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02620
Date/Time Collected: 12/07/00 10:45

Sample Location: MW-10

Date/Time Analysis (Dinoseb): 12/19/00 03:08
Date/Time Analysis (Toxaphene): 12/16/00 06:37
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**ND**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	81.6
Dichlorophenylacetic Acid	102.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	96.0	106.0	9.9
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02621
Date/Time Collected: 12/07/00 11:00

Sample Location: MW-11

Date/Time Analysis (Dinoseb): 12/19/00 03:59
Date/Time Analysis (Toxaphene): 12/16/00 07:29
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	93.7
Dichlorophenylacetic Acid	97.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02622
Date/Time Collected: 12/07/00 11:15

Sample Location: MW-12

Date/Time Analysis (Dinoseb): 12/19/00 04:51
Date/Time Analysis (Toxaphene): 12/16/00 08:21
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	99.4
Dichlorophenylacetic Acid	97.9

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02623
Date/Time Collected: 12/07/00 11:45

Sample Location: MW-13

Date/Time Analysis (Dinoseb): 12/19/00 05:43
Date/Time Analysis (Toxaphene): 12/16/00 09:12
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	100.0
Dichlorophenylacetic Acid	86.5

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02624
Date/Time Collected: 12/07/00 10:15

Sample Location: MW-14

Date/Time Analysis (Dinoseb): 12/19/00 06:34
Date/Time Analysis (Toxaphene): 12/16/00 10:04
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	94.8
Dichlorophenylacetic Acid	80.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS02625
Date/Time Collected: 12/07/00 10:30

Sample Location: MW-16

Date/Time Analysis (Dinoseb): 12/19/00 07:27
Date/Time Analysis (Toxaphene): 12/16/00 10:56
Date/Time Extraction (Dinoseb): 12/14/00 09:00
Date/Time Extraction (Toxaphene): 12/12/00 09:00
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	92.6
Dichlorophenylacetic Acid	82.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	99.0	106.0	6.8
Toxaphene	101.1	103.6	2.4

All Data Validated by: _____

Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475

email: mssi@sciseek.com

phone: (601)794-2309
fax: (601)794-2547

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 392

Vicksburg Chemical company

RECEIVED
AUG 30 2000
Dept. of Environmental Quality
Office of Pollution Control

Mr. D. Scott Mills
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

August 29, 2000

Re: Vicksburg Chemical Company
Groundwater Monitoring, 2nd Quarter, 2000

Dear Mr. Mills:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. A sample could not be obtained from Monitor Well 8, as its shroud and casing have been damaged. The well will be repaired or plugged and replaced during the upcoming Groundwater Assessment required by Consent Decree W92-0008(B). Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Dir. of Env. Affairs

STB: pc

xc: Mr. Keen

Enclosure

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
06/30/2000

Well No.	Water Elevation, ft. above MSL
1A	108.03
2	95.54
3	not sampled
4	105.67
5	80.08 (well dry, no sample)
6	84.05
7	87.41
8	damaged
9	109.31
10	106.2
11	96.88
12	104.2
13	109.31
14	106.17
16	108.22

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01730
Date/Time Collected: 06/30/00 08:30
Date/Time Analysis: 07/13/00 15:40
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	6.55	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01730
Date/Time Collected: 06/30/00 08:30
Date/Time Analysis: 07/13/00 15:40
Sample Matrix: Water

Sample Location: MW-1A

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	1.21	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
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ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01730
Date/Time Collected: 06/30/00 08:30
Date/Time Analysis: 07/13/00 15:40
Sample Matrix: Water

Sample Location: MW-1A

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	91.2
Toluene-d8	105.8
4-Bromofluorobenzene	107.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01730
Date/Time Collected: 06/30/00 08:30

Sample Location: MW-1A

Date/Time Analysis (Dinoseb): 07/18/00 08:49
Date/Time Analysis (Toxaphene): 07/20/00 09:22
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	**108**	**1.00**
Toxaphene	**ND**	**1.00**

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	112.2
Dichlorophenylacetic Acid	93.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01731
Date/Time Collected: 06/30/00 09:30
Date/Time Analysis: 07/13/00 16:30
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	2.01	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	1.42	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01731
Date/Time Collected: 06/30/00 09:30
Date/Time Analysis: 07/13/00 16:30
Sample Matrix: Water

Sample Location: MW-2

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01731
Date/Time Collected: 06/30/00 09:30
Date/Time Analysis: 07/13/00 16:30
Sample Matrix: Water

Sample Location: MW-2

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.0
Toluene-d8	103.4
4-Bromofluorobenzene	104.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper

Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01731
Date/Time Collected: 06/30/00 09:30

Sample Location: MW-2

Date/Time Analysis (Dinoseb): 07/18/00 09:44
Date/Time Analysis (Toxaphene): 07/20/00 10:17
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	108.1
Dichlorophenylacetic Acid	89.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01732
Date/Time Collected: 06/30/00 10:30
Date/Time Analysis: 07/13/00 17:18
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01732
Date/Time Collected: 06/30/00 10:30
Date/Time Analysis: 07/13/00 17:18
Sample Matrix: Water

Sample Location: MW-4

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01732
Date/Time Collected: 06/30/00 10:30
Date/Time Analysis: 07/13/00 17:18
Sample Matrix: Water

Sample Location: MW-4

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.6
Toluene-d8	103.0
4-Bromofluorobenzene	104.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01732
Date/Time Collected: 06/30/00 10:30

Sample Location: MW-4

Date/Time Analysis (Dinoseb): 07/18/00 10:39
Date/Time Analysis (Toxaphene): 07/20/00 11:12
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	106.5
Dichlorophenylacetic Acid	87.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01733
Date/Time Collected: 06/30/00 07:30
Date/Time Analysis: 07/14/00 02:38
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01733
Date/Time Collected: 06/30/00 07:30
Date/Time Analysis: 07/14/00 02:38
Sample Matrix: Water

Sample Location: MW-6

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01733
Date/Time Collected: 06/30/00 07:30
Date/Time Analysis: 07/14/00 02:38
Sample Matrix: Water

Sample Location: MW-6

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.4
Toluene-d8	99.8
4-Bromofluorobenzene	101.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01733
Date/Time Collected: 06/30/00 07:30

Sample Location: MW-6

Date/Time Analysis (Dinoseb): 07/18/00 11:34
Date/Time Analysis (Toxaphene): 07/20/00 12:07
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	109.4
Dichlorophenylacetic Acid	79.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01734
Date/Time Collected: 06/30/00 07:45
Date/Time Analysis: 07/14/00 01:22
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01734
Date/Time Collected: 06/30/00 07:45
Date/Time Analysis: 07/14/00 01:22
Sample Matrix: Water

Sample Location: MW-7

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01734
Date/Time Collected: 06/30/00 07:45
Date/Time Analysis: 07/14/00 01:22
Sample Matrix: Water

Sample Location: MW-7

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	93.0
Toluene-d8	101.2
4-Bromofluorobenzene	101.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01734
Date/Time Collected: 06/30/00 07:45

Sample Location: MW-7

Date/Time Analysis (Dinoseb): 07/18/00 12:29
Date/Time Analysis (Toxaphene): 07/20/00 13:02
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	102.9
Dichlorophenylacetic Acid	75.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01735
Date/Time Collected: 06/30/00 10:00
Date/Time Analysis: 07/13/00 18:07
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01735
Date/Time Collected: 06/30/00 10:00
Date/Time Analysis: 07/13/00 18:07
Sample Matrix: Water

Sample Location: MW-9

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01735
Date/Time Collected: 06/30/00 10:00
Date/Time Analysis: 07/13/00 18:07
Sample Matrix: Water

Sample Location: MW-9

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.0
Toluene-d8	102.6
4-Bromofluorobenzene	103.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01735
Date/Time Collected: 06/30/00 10:00

Sample Location: MW-9

Date/Time Analysis (Dinoseb): 07/18/00 13:24
Date/Time Analysis (Toxaphene): 07/20/00 13:57
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	104.3
Dichlorophenylacetic Acid	84.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01736
Date/Time Collected: 06/30/00 09:45
Date/Time Analysis: 07/14/00 00:01
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01736
Date/Time Collected: 06/30/00 09:45
Date/Time Analysis: 07/14/00 00:01
Sample Matrix: Water

Sample Location: MW-10

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: *SW846-8260*
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01736
Date/Time Collected: 06/30/00 09:45
Date/Time Analysis: 07/14/00 00:01
Sample Matrix: Water

Sample Location: MW-10

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.8
Toluene-d8	100.0
4-Bromofluorobenzene	101.7

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01736
Date/Time Collected: 06/30/00 09:45

Sample Location: MW-10

Date/Time Analysis (Dinoseb): 07/18/00 14:19
Date/Time Analysis (Toxaphene): 07/20/00 14:52
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	93.2
Dichlorophenylacetic Acid	89.6

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01737
Date/Time Collected: 06/30/00 08:00
Date/Time Analysis: 07/14/00 00:40
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	14.0	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01737
Date/Time Collected: 06/30/00 08:00
Date/Time Analysis: 07/14/00 00:40
Sample Matrix: Water

Sample Location: MW-11

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01737
Date/Time Collected: 06/30/00 08:00
Date/Time Analysis: 07/14/00 00:40
Sample Matrix: Water

Sample Location: MW-11

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	90.8
Toluene-d8	101.2
4-Bromofluorobenzene	102

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01737
Date/Time Collected: 06/30/00 08:00

Sample Location: MW-11

Date/Time Analysis (Dinoseb): 07/18/00 15:14
Date/Time Analysis (Toxaphene): 07/20/00 15:47
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	1.85	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	109.1
Dichlorophenylacetic Acid	82.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01738
Date/Time Collected: 06/30/00 09:00
Date/Time Analysis: 07/14/00 02:00
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01738
Date/Time Collected: 06/30/00 09:00
Date/Time Analysis: 07/14/00 02:00
Sample Matrix: Water

Sample Location: MW-12

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01738
Date/Time Collected: 06/30/00 09:00
Date/Time Analysis: 07/14/00 02:00
Sample Matrix: Water

Sample Location: MW-12

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	91.0
Toluene-d8	101.4
4-Bromofluorobenzene	102.0

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01738
Date/Time Collected: 06/30/00 09:00

Sample Location: MW-12

Date/Time Analysis (Dinoseb): 07/18/00 16:09
Date/Time Analysis (Toxaphene): 07/20/00 16:42
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	112.6
Dichlorophenylacetic Acid	91.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01739
Date/Time Collected: 06/30/00 10:15
Date/Time Analysis: 07/13/00 18:59
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	1.13	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01739
Date/Time Collected: 06/30/00 10:15
Date/Time Analysis: 07/13/00 18:59
Sample Matrix: Water

Sample Location: MW-13

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
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ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01739
Date/Time Collected: 06/30/00 10:15
Date/Time Analysis: 07/13/00 18:59
Sample Matrix: Water

Sample Location: MW-13

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	89.4
Toluene-d8	103.0
4-Bromofluorobenzene	101.8

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01739
Date/Time Collected: 06/30/00 10:15

Sample Location: MW-13

Date/Time Analysis (Dinoseb): 07/18/00 17:04
Date/Time Analysis (Toxaphene): 07/20/00 17:37
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	106.9
Dichlorophenylacetic Acid	92.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: *MS01740*
Date/Time Collected: 06/30/00 08:15
Date/Time Analysis: 07/14/00 03:18
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

***Method Reference:* SW846-8260**
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01740
Date/Time Collected: 06/30/00 08:15
Date/Time Analysis: 07/14/00 03:18
Sample Matrix: Water

Sample Location: MW-14

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01740
Date/Time Collected: 06/30/00 08:15
Date/Time Analysis: 07/14/00 03:18
Sample Matrix: Water

Sample Location: MW-14

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	91.6
Toluene-d8	100.0
4-Bromofluorobenzene	102.4

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01740
Date/Time Collected: 06/30/00 08:15

Sample Location: MW-14

Date/Time Analysis (Dinoseb): 07/18/00 17:59
Date/Time Analysis (Toxaphene): 07/20/00 18:32
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	108.2
Dichlorophenylacetic Acid	81.1

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01741
Date/Time Collected: 06/30/00 08:45
Date/Time Analysis: 07/13/00 23:19
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01741
Date/Time Collected: 06/30/00 08:45
Date/Time Analysis: 07/13/00 23:19
Sample Matrix: Water

Sample Location: MW-16

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01741
Date/Time Collected: 06/30/00 08:45
Date/Time Analysis: 07/13/00 23:19
Sample Matrix: Water

Sample Location: MW-16

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	92.4
Toluene-d8	101.8
4-Bromofluorobenzene	103.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Report of Analytical Results

Pesticide/Herbicide - GC/ECD Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01741
Date/Time Collected: 06/30/00 08:45

Sample Location: MW-16

Date/Time Analysis (Dinoseb): 07/18/00 18:54
Date/Time Analysis (Toxaphene): 07/20/00 19:27
Date/Time Extraction (Dinoseb): 07/05/00 09:30
Date/Time Extraction (Toxaphene): 07/06/00 09:20
Sample Matrix: Water

Target Compound	Sample Results ug/L (ppb)	MDL ug/L (ppb)
Dinoseb	ND	1.00
Toxaphene	ND	1.00

QA/QC Summary

Surrogate Recovery

Surrogate Compound	Recovery %
Decachlorobiphenyl	105.6
Dichlorophenylacetic Acid	78.3

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Dinoseb	88.5	92.5	4.4
Toxaphene	105.6	109.1	3.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference (pesticide): SW-846 8081A
Method Reference (herbicide): SW-846 8151
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01742
Date/Time Collected: 06/29/00 17:00
Date/Time Analysis: 07/14/00 03:57
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
4-Methyl-2-Pentanone (MIBK)	ND	5
Acrylonitrile	ND	5
Methyl Ethyl Ketone (2-Butanone)	ND	5
Methyl t-Butyl Ether (MTBE)	ND	1
2-Hexanone	ND	1
Carbon Disulfide	ND	1
Dichlorodifluoromethane	ND	1
Chloromethane	ND	1
Vinyl Chloride	ND	1
Bromomethane	ND	1
Chloroethane	ND	1
Trichlorofluoromethane	ND	1
1,1-Dichloroethene	ND	1
Methylene Chloride	ND	1
trans 1,2-Dichloroethene	ND	1
1,1-Dichloroethane	ND	1
2,2-Dichloropropane	ND	1
cis-1,2-Dichloroethene	ND	1
Bromochloromethane	ND	1
Chloroform	ND	1
1,1,1-Trichloroethane	ND	1
1,1-Dichloropropene	ND	1
Carbon Tetrachloride	ND	1
1,2-Dichloroethane	ND	1
Benzene	ND	1
Trichloroethene	ND	1
1,2-Dichloropropane	ND	1
Dibromomethane	ND	1
Bromodichloromethane	ND	1
trans-1,3-Dichloropropene	ND	1
Toluene	ND	1
cis-1,3-Dichloropropene	ND	1
1,1,2-Trichloroethane	ND	1

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01742
Date/Time Collected: 06/29/00 17:00
Date/Time Analysis: 07/14/00 03:57
Sample Matrix: Water

Sample Location: Trip Blank

Volatile Organics Component Name	Sample Results ug/L (ppb)	Component MDL ug/L (ppb)
1,3-Dichloropropane	ND	1
Tetrachloroethene	ND	1
Dibromochloromethane	ND	1
1,2-Dibromoethane	ND	1
Chlorobenzene	ND	1
1,1,1,2-Tetrachloroethane	ND	1
Ethylbenzene	ND	1
p,m-Xylene	ND	1
o-Xylene	ND	1
Styrene	ND	1
Bromoform	ND	1
Isopropylbenzene	ND	1
1,1,2,2-Tetrachloroethane	ND	1
Bromobenzene	ND	1
1,2,3-Trichloropropane	ND	1
n-Propylbenzene	ND	1
2-Chlorotoluene	ND	1
1,3,5-Trimethylbenzene	ND	1
4-Chlorotoluene	ND	1
tert-Butylbenzene	ND	1
1,2,4-Trimethylbenzene	ND	1
sec-Butylbenzene	ND	1
1,3-Dichlorobenzene	ND	1
p-Isopropyltoluene	ND	1
1,4-Dichlorobenzene	ND	1
n-Butylbenzene	ND	1
1,2-Dichlorobenzene	ND	1
1,2-Dibromo-3-chloropropane	ND	1
1,2,4-Trichlorobenzene	ND	1
Hexachlorobutadiene	ND	1
Naphthalene	ND	1
1,2,3-Trichlorobenzene	ND	1
Acetone	ND	5

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Volatile Organics - GC/MS Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01742
Date/Time Collected: 06/29/00 17:00
Date/Time Analysis: 07/14/00 03:57
Sample Matrix: Water

Sample Location: Trip Blank

QA/QC RESULTS

Surrogate Recovery

Surrogate Compound	Recovery %
Dibromofluoromethane	91.2
Toluene-d8	98.8
4-Bromofluorobenzene	102.2

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
1,1-Dichloroethene	94.2	95.0	0.8
Benzene	97.0	97.6	0.6
Trichloroethene	95.8	97.6	1.9
Toluene	101.2	101.6	0.4
Chlorobenzene	107.0	105.6	1.3

All Data Validated by: Rodney W. Culpepper
Laboratory Manager

Method Reference: SW846-8260
MDL - Method Detection Limit
ND - Not Detected

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Magnolia Scientific Services, Inc.

Report of Analytical Results

Metals Analytical Data

Client: Vicksburg Chemical
Lab Sample Number: MS01730-MS01741
Date/Time Analysis: 07/06/00 16:20
Sample Matrix: Water

Sample Location	Sample Results mg/L (ppm)	Component MDL mg/L (ppm)
MW-1A	ND	0.005
MW-2	ND	0.005
MW-4	ND	0.005
MW-6	ND	0.005
MW-7	0.009	0.005
MW-9	ND	0.005
MW-10	ND	0.005
MW-11	ND	0.005
MW-12	ND	0.005
MW-13	ND	0.005
MW-14	ND	0.005
MW-16	ND	0.005

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix Spike Compound	MS %	MSD %	RPD %
Arsenic (batch 1)	98.9	101.4	2.5
Arsenic (batch 2)	98.7	96.0	2.8

All Data Validated by: Rodney W. Culpepper
Rodney W. Culpepper
Laboratory Manager

Method Reference: EPA 200.7
MDL - Method Detection Limit
ND - Not Detected

129 Front Street
Purvis MS, 39475
email: mssi@sciseek.com
phone: (601)794-2309
fax: (601)794-2547

MSSI
Magnolia Scientific Services, Inc.

CHAIN OF CUSTODY RECORD

PCH CC-81793

CLIENT INFORMATION

COMPANY: Vicksburg Chemical Co.
ADDRESS: Rifle Range Rd
Vicksburg ~~Chemical~~ MS 39180
CONTACT: Eric Blush
PHONE: 636 1231 ext. 259 FAX: 638 0890
PROJECT: 2nd Qtr. 2000 Monitoring Wells
SAMPLE COLLECTOR: Eric Blush

Analysis Requested: As, Vol. Organics, Dinosub, Toxaphene

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	As	Vol. Organics	Dinosub	Toxaphene	LABORATORY IDENTIFICATION CODE
1	6-30	0830	Mon. Well 1A	5	H_2O	No					MS01730
2		0830	M. W. 1A SPK DUP	5							
3		0830	M. W 1A Matrix Spk Dup	5							
4		~~1030~~ 0930	M. W. 2	5							MS01731
5		1030	M. W. 4	5							MS01732
6		DRY	M. W. ~~5~~	5			DRY WELL				
7		0730	M. W. 6	5							MS01733
8		0745	M. W. 7	5							MS01734
9		DAMAGED	M. W ~~8~~	5			DAMAGED WELL				
10		1000	M. W. 9	5							MS01735

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	6/30/00	1310	[signature]		
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

COMMENTS:
Vol Pres. with HCl
As Pres. with HNO_3

129 FRONT STREET PURVIS, MS 39475 PHONE: (601) 794-2309 FAX (601) 794-2547 email: info@magnoliascientific.com

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MSSI
Magnolia Scientific Services, Inc.

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

COMPANY: Vicksburg Chemical Co
ADDRESS: Rifle Range Rd
Vicksburg MS 39180
CONTACT: Eric Blush
PHONE: 636 1231 ext 259 FAX: 638 0890
PROJECT: 2nd Qtr 2000 Mon. Wells
SAMPLE COLLECTOR: Eric Blush

Analysis Requested

#	DATE	TIME	SAMPLE ID	# Cont.	Matrix	Pres	As	Vol. Organics	Dinoseb	Toxaphene	LABORATORY IDENTIFICATION CODE
1	6-30	0945	Mon. Well 10	5	H_2O	NO					MS01736
2		0800	M. W. 11	5							MS01737
3		0900	M. W. 12	5							MS01738
4		1015	M. W. 13	5							MS01739
5		0815	M. W. 14	5							MS01740
6		0845	M. W. 16	5							MS01741
7			TRIP BLK				X	X	X	X	MS01742
8											
9											
10											

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[signature]	6/30/00	1310	[signature]		
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

COMMENTS:
Vol pres. with HCl
As pres. with HNO_3

129 FRONT STREET PURVIS, MS 39475 PHONE: (601) 794-2309 FAX (601) 794-2547 email: info@magnoliascientific.com

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CERTIFIED MAIL
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Z 412 293 303

Vicksburg
chemical company

RECEIVED
JUN 12 2000
Dept. of Environmental Quality
Office of Pollution Control

Mr. Rick Sumrall
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

June 9, 2000

Re: Vicksburg Chemical Company, Commission Order 1253 87
Re-sampled Groundwater Monitoring Results, 1st Quarter, 2000

Dear Mr. Sumrall:

Please find enclosed results re-sampling of groundwater monitoring for wells 6, 7, 11 and 12 for the first quarter of 2000. Several wells were reported as having detected acetone in sampling performed in March of the current year. Vicksburg did not believe these acetone results were accurate and has re-sampled the wells for volatile organic compounds. No acetone was detected.

Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Keen

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
David Green
P.O. Box 821003
Vicksburg, MS 39182

Date Reported: 06/01/00

Date Sampled: 05/26/00
Time Sampled: 08:30
Sampled by: E. Blush

Project ID/Location: Monitoring Well Analysis Quarterly Requirement

Date Received: 05/26/00

Sample Description: MW6

Sample Matrix: WATER

Sample Number: AA90573

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	05/31/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	05/31/00
Benzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromoform	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	05/31/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroform	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	05/31/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	05/31/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	05/31/00

Sample Description: MW6

Sample Number: AA90573

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	05/31/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Styrene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Toluene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	05/31/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	05/31/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
David Green
P.O. Box 821003
Vicksburg, MS 39182

Date Reported: 06/01/00
Date Sampled: 05/26/00
Time Sampled: 08:45
Sampled by: E. Blush

Project ID/Location: Monitoring Well Analysis Quarterly Requirement
Date Received: 05/26/00
Sample Description: MW7
Sample Number: AA90574
Sample Matrix: WATER
Project Number:
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	05/31/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	05/31/00
Benzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromoform	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	05/31/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroform	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	05/31/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	05/31/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	05/31/00

Sample Description: MW7

Sample Number: AA90574

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	05/31/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Styrene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Toluene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	05/31/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	05/31/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
David Green
P.O. Box 821003
Vicksburg, MS 39182

Date Reported: 06/01/00
Date Sampled: 05/26/00
Time Sampled: 09:00
Sampled by: E. Blush

Project ID/Location: Monitoring Well Analysis Quarterly Requirement
Date Received: 05/26/00
Sample Description: MW11
Sample Number: AA90575
Sample Matrix: WATER
Project Number:
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	05/31/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	05/31/00
Benzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromoform	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	05/31/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroform	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	05/31/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	05/31/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	05/31/00

Sample Description: MW11

Sample Number: AA90575

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	05/31/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Styrene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Toluene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	05/31/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	05/31/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
David Green
P.O. Box 821003
Vicksburg, MS 39182

Date Reported: 06/01/00

Date Sampled: 05/26/00
Time Sampled: 09:15
Sampled by: E. Blush

Project ID/Location: Monitoring Well Analysis Quarterly Requirement

Date Received: 05/26/00

Sample Description: MW12

Sample Matrix: WATER

Sample Number: AA90576

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	05/31/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	05/31/00
Benzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromoform	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	05/31/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroform	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	05/31/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	05/31/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	05/31/00

Sample Description: MW12

Sample Number: AA90576

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	05/31/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Styrene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Toluene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	05/31/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	05/31/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
David Green
P.O. Box 821003
Vicksburg, MS 39182

Date Reported: 06/01/00
Date Sampled: 05/17/00
Time Sampled:
Sampled by: E. Blush

Project ID/Location: Monitoring Well Analysis Quarterly Requirement
Date Received: 05/26/00
Sample Description: Trip Blank
Sample Number: AA90577
Sample Matrix: WATER
Project Number:
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	05/31/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	05/31/00
Benzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromoform	ND	0.005	mg/L	8260B	MMP	05/31/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	05/31/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloroform	ND	0.005	mg/L	8260B	MMP	05/31/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	05/31/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	05/31/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	05/31/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	05/31/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	05/31/00

Sample Description: Trip Blank

Sample Number: AA90577

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	05/31/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	05/31/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	05/31/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	05/31/00
Styrene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Toluene	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	05/31/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	05/31/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	05/31/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	05/31/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	05/31/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC
235 Highpoint Drive
Ridgeland, MS 39157
Telephone: 601/957-2676 FAX: 601/957-1887

I / MI /

Argus Cooler # 1

CHAIN-OF-CUSTODY

Client Name: Vicks Chem Address: Rifle Range Rd Vbug MS 39180	Project Name/Location: Resample Mon. Well 1st Qtr 2000 Sampler (print/signature): Eric Bush Eric Bush	Project Number: H/M/S (lab use)

Item #	Field Number	Sample Description	Collection Date	Time	Initials	G/C	#	Analysis Required	Lab Number (for lab use only)
1		M. Well 6	5-26	830	EB	G	2	Vol Organics	A90573
2		M. Well 7	5-26	845	EB	G	2	/ /	A90574
3		M. Well 11	5-26	900	EB	G	2	/ /	A90575
4		Mon. Well 12	5-26	915	EB	G	2		A90576
5		Trip Blank	5-17				2	Vol	A90577

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Bush	5-26-00 1526	M Vane	5-26-00 15:30				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 442 293 289

Vicksburg chemical company

RECEIVED
MAY - 1 2000
Dept. of Environmental Quality
Office of Pollution Control

Mr. Rick Sumrall
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

April 27, 2000

Re: Vicksburg Chemical Company, Commission Order 1253 87
Groundwater Monitoring Results, 1st Quarter, 2000

Dear Mr. Sumrall:

Please find enclosed results of groundwater monitoring for the first quarter of 2000. Several wells report as detecting acetone. Vicksburg does not believe these acetone results are accurate and will have these wells rechecked.

Please contact me with any questions there may be.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Keen

The Potassium People
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg Chemical Company
Groundwater Sampling
03/30/2000

Well No.	Water Elevation, ft. above MSL
1A	109.43
2	99.46
3	not sampled
4	107.42
5	82.48 (well dry, no sample)
6	85.3
7	89.97
8	104.08
9	111.64
10	109.24
11	98.33
12	110.11
13	112.27
14	108.5
16	110.3

INVOICE

From: ARGUS ANALYTICAL, INC.
P.O. BOX 13842
JACKSON, MS 39236-3842

Invoice Number: 30963 Date: April 10, 2000

To: Vicksburg Chemical
Accounts Payable
P.O. Box 821003
Vicksburg, MS 39182

The following charges are due for the indicated samples which were submitted to this laboratory on 03/31/00:

Lab Sample I.D.: AA88259 AA88262 AA88263 AA88264 AA88265 AA88266 AA88267 AA88268 AA88269 AA88270 AA88271 AA88272 AA88273 AA88274

Purchase order number: 0030541

Parameter Analyzed		Quantity
Volatile Organics	Ap I	13
Arsenic		13
Preparation, Metals		13
Toxaphene		12
Dinoseb		12

Quoted analysis charge for this invoice: $3573.25

Total amount due on this invoice: $3573.25

RE: Price includes Project Fee per Quote 2254 Revision 3 plus 1 Arsenic at $21.00.

Remit payment to: ARGUS ANALYTICAL, INC.
P.O. BOX 13842
JACKSON, MS 39236-3842

OK to pay
S.T. Bonwell
4/13/00

Questions or Comments? Please call Client Services: 601/957-2676
For your convenience, VISA, MC and Discover are accepted.
We appreciate your business.

235 Highpoint Drive
Ridgeland, Mississippi 39157

Telephone 601 957-2676
Facsimile 601 957-1887

Argus ANALYTICAL, INC.

April 11, 2000

Mr. Eric Blush
Vicksburg Chemical
P.O. Box 821003
Vicksburg, MS 39182

RE: Quarterly Monitoring - First Quarter 2000

Dear Mr. Blush:

Enclosed are two (2) bound copies of the ground water monitoring report for the first quarter of 2000. The samples were collected on March 30, 2000.

Please let me know if you have any questions or need additional information.

Sincerely,

B. G. Giessner, Ph.D.
President

BGG/tlc

Enclosures:

Invoice
Bound reports (2)

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date Sampled: 03/30/00

Date Reported: 04/12/00

Argus®
ANALYTICAL, INC.

Ridgeland, Mississippi

Index

Data Package Contents

Sample Cross References

Analytical Reports (starting with AA88259)

Chain of Custodies

Holding Time Report - Organics
All samples were extracted and/or analyzed within seven (7) days from the date of sampling.

Inorganic QC Summary - Metals & Conventionals

Organics QC Summary - Volatile Organics
All samples were analyzed within seven (7) days of the time of sampling.

Organics QC Summary - Semivolatile Organics

Organics QC Summary - Pesticides

Narrative

Sample Cross References

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Sorted by Sample Description

Sample Number & Sample Description Cross Reference

Argus Analytical, Inc.

Sample #	Sample Description		Collection Date	Collection Time
AA88259	MW 1A	W	03/30/00	11:00
AA88262	MW 2	W	03/30/00	12:15
AA88263	MW 4	W	03/30/00	13:00
AA88264	MW 6	W	03/30/00	10:15
AA88265	MW 7	W	03/30/00	10:00
AA88273	MW 8	W	03/30/00	12:00
AA88266	MW 9	W	03/30/00	12:30
AA88267	MW 10	W	03/30/00	11:30
AA88268	MW 11	W	03/30/00	10:30
AA88269	MW 12	W	03/30/00	11:45
AA88270	MW 13	W	03/30/00	12:45
AA88271	MW 14	W	03/30/00	10:45
AA88272	MW 16	W	03/30/00	11:15
AA88274	Trip Blank	W	03/16/00	11:36

Argus Analytical, Inc.

Analytical Reports

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 11:00
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 1A

Sample Matrix: WATER

Sample Number: AA88259

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	0.052	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 1A

Sample Number: AA88259

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	0.006	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 2

Sample Matrix: WATER

Sample Number: AA88262

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	0.005	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 2

Sample Number: AA88262

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 4

Sample Matrix: WATER

Sample Number: AA88263

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 4

Sample Number: AA88263

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 10:15
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 6

Sample Matrix: WATER

Sample Number: AA88264

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.008	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	0.083	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 6

Sample Number: AA88264

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 10:00
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 7

Sample Matrix: WATER

Sample Number: AA88265

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.011	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	0.114	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 7

Sample Number: AA88265

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 12:30
Sampled by: E. Blush

Project ID/Location: *Groundwater Monitoring*
First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 9

Sample Matrix: WATER

Sample Number: AA88266

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 9

Sample Number: AA88266

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 10

Sample Matrix: WATER

Sample Number: AA88267

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/03/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/03/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/03/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/03/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/03/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/03/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/03/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/03/00

Sample Description: MW 10

Sample Number: AA88267

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/03/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/03/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/03/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/03/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/03/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/03/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/03/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/03/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/03/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/03/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/03/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/03/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 10:30
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 11

Sample Matrix: WATER

Sample Number: AA88268

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/04/00
Appendix I Volatile Organics						
Acetone	0.238	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 11

Sample Number: AA88268

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	0.011	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 11:45
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 12

Sample Matrix: WATER

Sample Number: AA88269

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.007	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/05/00
Appendix I Volatile Organics						
Acetone	0.062	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 12

Sample Number: AA88269

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 13

Sample Matrix: WATER

Sample Number: AA88270

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/05/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 13

Sample Number: AA88270

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC.
235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 10:45
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 14

Sample Matrix: WATER

Sample Number: AA88271

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/05/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 14

Sample Number: AA88271

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 04/11/00

Date Sampled: 03/30/00
Time Sampled: 11:15
Sampled by: E. Blush

Project ID/Location: Groundwater Monitoring First Quarter 2000

Date Received: 03/31/00

Sample Description: MW 16

Sample Matrix: WATER

Sample Number: AA88272

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	04/04/00
Dinoseb	ND	0.001	mg/L	8270C	RLT	04/04/00
Toxaphene	ND	1	ug/L	8081A	JWH	04/05/00
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: MW 16

Sample Number: AA88272

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn:Eric Blush

Date Reported: 04/04/00

Date Sampled: 03/30/00
Time Sampled: 12:00
Sampled by: E. Blush

Project ID/Location: 1st Qtr. Monitoring Wells

Date Received: 03/31/00

Sample Description: MW 8
Sample Matrix: WATER
Project Number:

Sample Number: AA88273

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.022	0.005	mg/L	206.2	BH	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

ARGUS ANALYTICAL, INC.

235 Highpoint Drive
Ridgeland, Mississippi 39157
Telephone: 601/957-2676 FAX: 601/957-1887

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn:Eric Blush

Date Reported: 04/05/00

Date Sampled: 03/16/00
Time Sampled: 11:36
Sampled by: R. Lackey

Project ID/Location: 1st Qtr. Monitoring Wells

Date Received: 03/31/00

Sample Description: Trip Blank

Sample Matrix: WATER

Sample Number: AA88274

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/04/00
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/04/00
Benzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromoform	ND	0.005	mg/L	8260B	MMP	04/04/00
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/04/00
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloroform	ND	0.005	mg/L	8260B	MMP	04/04/00
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/04/00
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/04/00
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/04/00
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/04/00
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/04/00

Sample Description: Trip Blank

Sample Number: AA88274

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/04/00
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/04/00
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/04/00
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/04/00
Styrene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Toluene	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/04/00
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/04/00
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/04/00
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/04/00
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/04/00

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH/SDM

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

Argus Analytical, Inc.

Chain of Custodies

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled:	03/30/00
Date(s) Submitted to Laboratory:	03/31/00
Data Package Reported:	04/12/00

TO 00 30541

ARGUS ANALYTICAL, INC
235 Highpoint Drive
Ridgeland, MS 39157
Telephone: 601/957-2676 FAX: 601/957-1887

I / MI / NI

Argus Cooler #

CHAIN-OF-CUSTODY

Report Seperate

Client Name: Vicksburg Chemical Address: Rifle Range Rd Vbrg Attn: Eric Blush	Project Name/Location: 1st Quarter 2000 Monitoring Wells Sampler (print/signature): Eric Blush Eric Blush	Project Number: H/M/S (lab use)

Item #	Field Number	Sample Description	Collection Date	Collection Time	Initials	G/C	#	Analysis Required	Lab Number (for lab use only)
1		Outfall 001A	3-30-00 3-31-00	0730 - 0730	EB	C	1	Toxaphene	~~AA88258~~
2		MW 1A	3-30-00	1100		G	6	As, Dinoseb, Toxaphene, Vol. Org.	AA88259
3	*	MW 1A MSpk.		1100					~~AA88260~~
4		MW 1A M.Spk. Dupe		1100					~~AA88261~~
5		MW 2		1215					AA88262
6		MW 4		1300					AA88263
7		MW 6		1015					AA88264
8		MW 7		1000					AA88265
9		MW 9		1230					AA88266
10		MW 10		1130					AA88267

Report Seperate

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	3-31-00 1411	J Moss	3-31-00 14:20				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

f:\users\public\forms\coc_r05.wk1

* treat as one sample, but perform all QC on this sample (organics: MS, MSD; metals: dupe, spike)

Rev 1196

ARGUS ANALYTICAL, INC
235 Highpoint Drive
Ridgeland, MS 39157
Telephone: 601/957-2676 FAX: 601/957-1887

I / MI / NI

Argus Cooler # 1

CHAIN-OF-CUSTODY

Client Name: VCC	Project Name/Location: 1st Quart. 2000 Monitoring Wells	Project Number:
Address: Rifle Range Rd Vicksburg MS	Sampler (print/signature): Eric Blesh Eric Blesh	H/M/S (lab use)

Item #	Field Number	Sample Description	Collection Date	Time	Initials	G/C	#	Analysis Required	Lab Number (for lab use only)
11		MW 11	3-30-00	1030	EB	G	6	As Dinoseb Toxaphene Vol. Org	AA88268
12		MW 12		1145					AA88269
13		MW 13		1245					AA88270
14		MW 14		1045					AA88271
15		MW 16		1115					AA88272
16		MW 8		1200			1	As	AA88273
17		Trip Blank	3-16-00	1236	RL		6	Vol. Org.	AA88274

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blesh	3-31-00 1411	J. Moore	3-31-00 14:20				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

I:\users\public\forms\coc_r05.wk1

Rev 1196

Argus Analytical, Inc.

Holding Time Report
Organics

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

All samples were extracted and/or analyzed within seven (7) days from the date of sampling.

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Holding Time Summary

Argus Analytical, Inc.

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
AA88259	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88262	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88263	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88264	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88265	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88266	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88267	Volatile Organics (Appendix I of 258)	W	03/30/00	04/03/00	4
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88268	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/04/00	5
AA88269	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/05/00	6
AA88270	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/05/00	6
AA88271	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5

(1) From date of sampling

Holding Time Summary

Argus Analytical, Inc.

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/05/00	6
AA88272	Volatile Organics (Appendix I of 258)	W	03/30/00	04/04/00	5
	Prep - Acid Extractables	w	03/30/00	04/03/00	4
	Dinoseb	W	03/30/00	04/04/00	5
	Prep - Pesticides/PCBs in water	w	03/30/00	04/03/00	4
	Toxaphene	W	03/30/00	04/05/00	6
AA88274	Volatile Organics (Appendix I of 258)	W	03/16/00	04/04/00	19

(1) From date of sampling

Argus Analytical, Inc.

Inorganic QC Summary
Metals & Conventionals

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

The table labeled "Inorganic QC Data Summary" contains the QC data for the samples listed in the tables labeled "QC Cross Reference - Inorganics".

Dilutions can result in the loss of Spike Recovery data (--).

Note 1: if "Note 1" is listed in the duplicate column, this indicates that the RPD was based on MS/MSD results and the recovery was based on the OPR results.

Inorganic QC Data Summary

	Blank	Sample			Spike
		Results	Duplicate	% RPD	% Recovery
AA88259					
Arsenic	ND	ND	ND	0	116
AA88266					
Arsenic	ND	ND	ND	0	116

QC Sample Cross Reference - Inorganics

Sample number: **AA88259**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88259	AS__G-31573

Sample number: **AA88262**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88259	AS__G-31573

Sample number: **AA88263**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88259	AS__G-31573

Sample number: **AA88264**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88259	AS__G-31573

Sample number: **AA88265**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88259	AS__G-31573

Sample number: **AA88266**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

(1) Refer to the indicated sample number in the attached QC Data Summary for the actual QC data.

QC Cross Reference - Inorganics (continued)

Sample number: **AA88267**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

Sample number: **AA88268**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

Sample number: **AA88269**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

Sample number: **AA88270**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

Sample number: **AA88271**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

Sample number: **AA88272**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

(1) Refer to the indicated sample number in the attached QC Data Summary for the actual QC data.

QC Cross Reference - Inorganics (continued)

Sample number: **AA88273**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA88266	AS__G-31574

(1) Refer to the indicated sample number in the attached QC Data Summary for the actual QC data.

Organics QC Summary
Volatile Organics

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

All samples were analyzed within seven (7) days of the time of sampling.

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Volatile Organics - QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Receipt date(s): 03/31/2000

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - % Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	88259	V	93	107	97
AA	88262	V	116	110	91
AA	88263	V	87	88	87
AA	88264	V	103	110	90
AA	88265	V	106	106	90
AA	88266	V	102	103	100
AA	88267	V	116	105	94
AA	88268	V	112	110	89
AA	88269	V	104	109	94
AA	88270	V	112	105	92
AA	88271	V	111	108	92
AA	88272	V	97	103	89
AA	88274	V	109	109	98
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
		Accetpable Range - Water:	86-118	88-110	86-115
		- Soil:	80-120	81-117	74-121

Starting Page # - Suffix	Data Package Contents
.10	Blank results
.20	MS/MSD Results and Precision
.40	Tune Data
.50	Calibration Summary - Initial
.60	Calibration Summary - Continuing

f:\users\public\forms\qc\datapack\v\88259_v1.xls

Quantitation Report (QT Reviewed) V.10

Data File : E:\HPCHEM\1\DATA\000403\000403B2.D Vial: 24
Acq On : 4 Apr 2000 12:49 am Operator: jwh
Sample : 8260 Blank 5mL Water Inst : GC/MS Vol
Misc : Water : 5mL ; Blank Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 5 12:04 2000 Quant Results File: 8260-H2O.RES

Quant Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 11:10:12 2000
Response via : Initial Calibration
DataAcq Meth : 8260-H2O

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	4.51	168	55428m	50.00 ug/L	0.00
20) 1,4-difluorobenzene	5.53	114	115509m	50.00 ug/L	0.00
36) Chlorobenzene-d5	10.02	82	39747m	50.00 ug/L	-0.01
48) 1,4-dichlorobenzene-d4	15.02	152	16550	50.00 ug/L	0.00

System Monitoring Compounds					
18) dibromofluoromethane	4.83	113	108538m	55.92 ug/L	0.00
Spiked Amount 50.000	Range 86 - 118		Recovery = 111.84%		
31) toluene-d8	7.37	98	82194m	53.89 ug/L	0.00
Spiked Amount 50.000	Range 88 - 110		Recovery = 107.78%		
50) 4-bromofluorobenzene	12.56	95	24522	47.76 ug/L	0.00
Spiked Amount 50.000	Range 86 - 115		Recovery = 95.52%		

Target Compounds				Qvalue
2) dichlorodifluoromethane	0.00	85	0	N.D.
3) chloromethane	3.17	50	4670	N.D.
4) vinyl chloride*	3.22	62	639	N.D.
5) bromomethane	0.00	94	0	N.D.
6) chloroethane	0.00	64	0	N.D.
7) trichlorofluoromethane	0.00	101	0	N.D.
8) 1,1-dichloroethene*	3.58	61	201	N.D.
9) methylene chloride	3.83	84	834	N.D.
10) trans-1,2-dichloroethene	0.00	61	0	N.D.
11) Acetone	3.67	58	153	N.D.
12) Methyl ethyl ketone*	0.00	72	0	N.D.
13) 1,1-dichloroethane	0.00	63	0	N.D.
14) 2,2-dichloropropane	0.00	77	0	N.D.
15) cis-1,2-dichloroethene	4.51	61	991	N.D.
16) bromochloromethane	0.00	128	0	N.D.
17) chloroform*	0.00	83	0	N.D.
19) 1,1,1-trichloroethane	0.00	97	0	N.D.
21) carbon tetrachloride*	0.00	117	0	N.D.
22) 1,1-dichloropropene	0.00	75	0	N.D.
23) benzene*	5.29	78	194	N.D.
24) 1,2-dichloroethane*	0.00	62	0	N.D.
25) trichloroethene*	0.00	95	0	N.D.
26) 1,2-dichloropropane	0.00	63	0	N.D.
27) dibromomethane	0.00	93	0	N.D.
28) bromodichloromethane	0.00	83	0	N.D.
29) cis-1,3-dichloropropene	0.00	75	0	N.D.
30) 4-Methyl-2-pentanone	6.87	43	159	N.D.
32) toluene	0.00	92	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed) V. 11

Data File : E:\HPCHEM\1\DATA\000403\000403B2.D Vial: 24
Acq On : 4 Apr 2000 12:49 am Operator: jwh
Sample : 8260 Blank 5mL Water Inst : GC/MS Vol
Misc : Water : 5mL ; Blank Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Apr 5 12:04 2000 Quant Results File: 8260-H2O.RES

Quant Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 11:10:12 2000
Response via : Initial Calibration
DataAcq Meth : 8260-H2O

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) trans-1,3-dichloropropene	0.00	75	0	N.D.	
34) 1,1,2-trichloroethane	0.00	83	0	N.D.	
35) 2-Hexanone	0.00	43	0	N.D.	
37) tetrachloroethene*	0.00	166	0	N.D.	
38) 1,3-dichloropropane	0.00	76	0	N.D.	
39) dibromochloromethane	0.00	129	0	N.D.	
40) 1,2-dibromoethane	0.00	107	0	N.D.	
41) chlorobenzene*	0.00	112	0	N.D.	
42) 1,1,1,2-tetrachloroethane	0.00	131	0	N.D.	
43) ethylbenzene	0.00	106	0	N.D.	
44) m,p-xylene	0.00	106	0	N.D.	
45) o-xylene	0.00	106	0	N.D.	
46) styrene	0.00	104	0	N.D.	
47) bromoform	0.00	173	0	N.D.	
49) isopropylbenzene	0.00	120	0	N.D.	
51) bromobenzene	0.00	158	0	N.D.	
52) 1,1,2,2-tetrachloroethane	0.00	83	0	N.D.	
53) 1,2,3-trichloropropane	0.00	110	0	N.D.	
54) n-propylbenzene	0.00	120	0	N.D.	
55) 2-chlorotoluene	0.00	126	0	N.D.	
56) 4-chlorotoluene	0.00	126	0	N.D.	
57) 1,3,5-trimethylbenzene	0.00	120	0	N.D.	
58) tert-butylbenzene	0.00	119	0	N.D.	
59) 1,2,4-trimethylbenzene	0.00	120	0	N.D.	
60) sec-butylbenzene	0.00	105	0	N.D.	
61) 1,3-dichlorobenzene	0.00	146	0	N.D.	
62) 4-isopropyltoluene	0.00	134	0	N.D.	
63) 1,4-dichlorobenzene	0.00	146	0	N.D.	
64) 1,2-dichlorobenzene	0.00	146	0	N.D.	
65) n-butylbenzene	0.00	92	0	N.D.	
66) 1,2-dibromo-3-chloropropan	0.00	157	0	N.D.	
67) 1,2,4-trichlorobenzene	0.00	180	0	N.D.	
68) hexachlorobutadiene	0.00	225	0	N.D.	
69) naphthalene	0.00	128	0	N.D.	
70) 1,2,3-trichlorobenzene	0.00	180	0	N.D.	

(#) = qualifier out of range (m) = manual integration

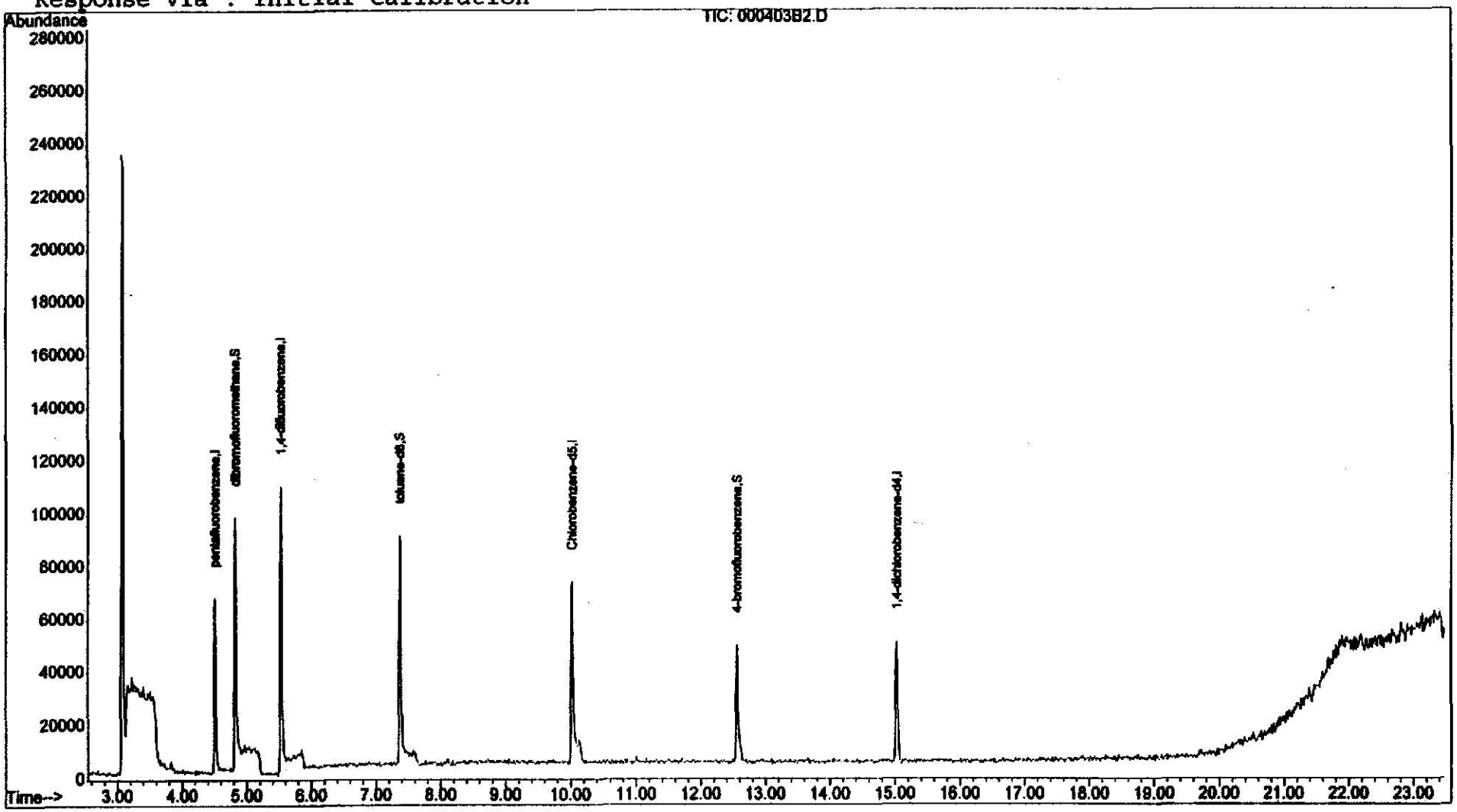
Quantitation Report

Data File : E:\HPCHEM\1\DATA\000403\000403B2.D
Acq On : 4 Apr 2000 12:49 am
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL ; Blank
MS Integration Params: rteint.p
Quant Time: Apr 5 12:04 2000

Vial: 24
Operator: jwh
Inst : GC/MS Vol
Multiplr: 1.00

Quant Results File: 8260-H2O.RES

Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 11:10:12 2000
Response via : Initial Calibration



V.12

Spike Recovery and RPD Summary Report - WATER

V, 20

Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 11:10:12 2000
Response via : Initial Calibration

Non-Spiked Sample: 00040331.D

	Spike Sample	Spike Duplicate Sample
File ID :	00040332.D	00040333.D
Sample :	AA88260 5mL Water $A1_VOA	AA88261 5mL Water $
Acq Time:	4 Apr 2000 4:57 am	4 Apr 2000 5:28 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene*	0.0	50	42	44	84	89	6	14	61-145
benzene*	0.2	50	49	51	98	101	4	11	76-127
trichloroethene*	6.3	50	55	55	97	97	1	14	71-120
toluene	0.0	50	56	58	113	116	3	13	76-125
chlorobenzene*	0.0	50	58	56	115	111	4	13	75-130

- Fails Limit Check

8260-H2O.M Wed Apr 05 12:21:05 2000

SW-846 Method 8260

V.40

Data File : E:\HPCHEM\1\DATA\000403\000403B2.D
Acq On : 4 Apr 2000 12:49 am
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL ; Blank
Integration Params: rteint.p

Vial: 24
Operator: jwh
Inst : GC/MS Vol
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260

Spectrum Information: Scan 1190

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.2	2091	PASS
75	95	30	60	48.6	4570	PASS
95	95	100	100	100.0	9407	PASS
96	95	5	9	7.5	709	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.0	6394	PASS
175	174	5	9	7.6	485	PASS
176	174	95	101	96.6	6178	PASS
177	176	5	9	6.9	429	PASS

000403B2.D 8260-H2O.M Wed Apr 05 17:53:12 2000

Response Factor Report GC/MS Vol

V. 50

Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 16:57:39 2000
Response via : Initial Calibration

Calibration Files
1 =000404L1.D 2 =000404L2.D 3 =000404L3.D
4 =000404L4.D 5 =000404L5.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	pentafluorobenzene	----------ISTD----------						
2)	T	dichlorodifluorometha	1.526	1.406	1.753	1.405	1.738	1.565	10.94
3)	P	chloromethane	3.097	2.520	2.547	2.273	2.355	2.558	12.58
4)	C	vinyl chloride*	1.977	1.670	1.977	1.596	1.936	1.831	10.03
5)	T	bromomethane	1.686	1.491	1.365	1.181	1.408	1.426	12.93
6)	T	chloroethane	1.184	0.970	1.103	0.913	1.132	1.060	10.76
7)	T	trichlorofluoromethan	2.780	2.531	3.032	2.463	2.949	2.751	9.08
8)	CM	1,1-dichloroethene*	2.885	2.425	2.741	2.373	2.802	2.645	8.73
9)	T	methylene chloride	1.992	1.605	1.664	1.355	1.637	1.650	13.77
10)	T	trans-1,2-dichloroeth	2.948	2.543	2.870	2.425	2.899	2.737	8.64
11)	T	Acetone	0.037	0.034	0.038	0.042	0.041	0.038	8.31
12)	T	Methyl ethyl ketone*	0.066	0.063	0.060	0.060	0.060	0.062	4.22
13)	P	1,1-dichloroethane	3.103	2.774	3.111	2.639	3.144	2.954	7.85
14)	T	2,2-dichloropropane	1.797	1.572	1.683	1.502	1.576	1.626	7.09
15)	T	cis-1,2-dichloroethen	2.396	2.236	2.405	2.124	2.502	2.333	6.46
16)	T	bromochloromethane	0.817	0.716	0.796	0.654	0.793	0.755	9.06
17)	C	chloroform*	3.251	2.857	3.152	2.694	3.139	3.019	7.73
18)	S	dibromofluoromethane	1.774	1.866	1.802	1.545	1.768	1.751	6.93
[illegible])	T	1,1,1-trichloroethane	1.762	1.596	1.740	1.640	1.734	1.694	4.26
20)	I	1,4-difluorobenzene	----------ISTD----------						
21)	T	carbon tetrachloride*	0.757	0.646	0.785	0.702	0.816	0.741	9.15
22)	T	1,1-dichloropropene	0.757	0.634	0.742	0.707	0.817	0.731	9.25
23)	M	benzene*	1.580	1.264	1.480	1.400	1.549	1.455	8.74
24)	T	1,2-dichloroethane*	1.711	1.405	1.559	1.289	1.571	1.507	10.82
25)	M	trichloroethene*	0.629	0.497	0.576	0.537	0.595	0.567	8.99
26)	C	1,2-dichloropropane	0.438	0.376	0.435	0.401	0.433	0.416	6.48
27)	T	dibromomethane	0.581	0.532	0.604	0.495	0.634	0.569	9.77
28)	T	bromodichloromethane	0.899	0.829	0.945	0.841	0.980	0.899	7.22
29)	T	cis-1,3-dichloroprope	0.762	0.608	0.693	0.616	0.689	0.673	9.37
30)	T	4-Methyl-2-pentanone	0.985	1.270	1.212	1.022	1.282	1.154	12.21
31)	S	toluene-d8	0.663	0.684	0.637	0.632	0.685	0.660	3.82
32)	M	toluene	0.393	0.342	0.361	0.373	0.409	0.376	6.92
33)	T	trans-1,3-dichloropro	0.671	0.555	0.615	0.543	0.612	0.599	8.62
34)	T	1,1,2-trichloroethane	0.305	0.265	0.309	0.285	0.319	0.297	7.26
35)	T	2-Hexanone	0.803	0.799	0.876	0.755	0.880	0.823	6.56
36)	I	Chlorobenzene-d5	----------ISTD----------						
37)	T	tetrachloroethene*	0.569	0.487	0.562	0.569	0.533	0.544	6.46
38)	T	1,3-dichloropropane	1.751	1.410	1.582	1.740	1.266	1.550	13.60
39)	T	dibromochloromethane	1.405	1.245	1.361	1.552	1.118	1.336	12.27
40)	T	1,2-dibromoethane	1.009	0.826	0.852	0.925	0.759	0.874	10.97
41)	M	chlorobenzene*	1.135	1.006	1.030	1.370	1.003	1.109	14.05
[illegible])	T	1,1,1,2-tetrachloroet	0.743	0.638	0.660	0.768	0.548	0.671	13.11
[illegible])	C	ethylbenzene	0.296	0.240	0.270	0.304	0.294	0.281	9.35
44)	T	m,p-xylene	0.465	0.385	0.447	0.523	0.517	0.467	12.11
45)	T	o-xylene	0.409	0.342	0.388	0.435	0.463	0.407	11.33
46)	T	styrene	0.613	0.567	0.624	0.679	0.624	0.621	6.42
47)	P	bromoform	0.782	0.673	0.744	0.867	0.647	0.742	11.86

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48)	I	1,4-dichlorobenzene-d	----------ISTD----------						
49)	T	isopropylbenzene	0.878	0.701	0.784	0.684	0.678	0.745	11.50
50)	S	4-bromofluorobenzene	1.739	1.582	1.632	1.447	1.355	1.551	9.79
51)	T	bromobenzene	1.026	0.928	0.918	0.846	0.796	0.902	9.70
52)	P	1,1,2,2-tetrachloroet	2.111	1.811	1.885	1.570	1.475	1.770	14.34
[illegible]	T	1,2,3-trichloropropan	0.609	0.503	0.539	0.468	0.420	0.508	14.14
[illegible]	T	n-propylbenzene	0.398	0.302	0.375	0.377	0.408	0.372	11.19
55)	T	2-chlorotoluene	0.661	0.494	0.552	0.570	0.568	0.569	10.56
56)	T	4-chlorotoluene	0.467	0.458	0.529	0.539	0.566	0.512	9.26
57)	T	1,3,5-trimethylbenzen	0.878	0.701	0.784	0.691	0.678	0.746	11.33
58)	T	tert-butylbenzene	1.197	1.037	1.006	0.902	0.907	1.010	11.96
59)	T	1,2,4-trimethylbenzen	0.911	0.771	0.771	0.745	0.722	0.784	9.43
60)	T	sec-butylbenzene	1.239	0.981	1.081	0.982	1.076	1.072	9.83
61)	T	1,3-dichlorobenzene	1.155	0.908	0.999	1.012	1.096	1.034	9.19
62)	T	4-isopropyltoluene	0.248	0.197	0.219	0.188	0.188	0.208	12.37
63)	T	1,4-dichlorobenzene	1.028	0.789	0.943	0.959	1.059	0.956	10.97
64)	T	1,2-dichlorobenzene	1.153	0.880	0.935	0.969	1.010	0.990	10.41
65)	T	n-butylbenzene	0.759	0.655	0.611	0.563	0.569	0.631	12.77
66)	T	1,2-dibromo-3-chlorop	0.202	0.183	0.209	0.175	0.183	0.190	7.60
67)	T	1,2,4-trichlorobenzen	1.052	0.864	0.899	0.864	0.840	0.904	9.46
68)	T	hexachlorobutadiene	0.196	0.167	0.172	0.161	0.169	0.173	7.70
69)	T	naphthalene	3.519	3.055	2.761	2.649	2.640	2.925	12.73
70)	T	1,2,3-trichlorobenzen	1.169	0.893	0.909	0.962	0.932	0.973	11.60

(#) = Out of Range

8260-H2O.M Wed Apr 05 16:58:15 2000

Evaluate Continuing Calibration Report

V.60

Data File : E:\HPCHEM\1\DATA\000403\00040324.D Vial: 24
Acq On : 4 Apr 2000 12:19 am Operator: jwh
Sample : 8260 Con Cal @ 50ppb Inst : GC/MS Vol
Misc : 8260 Con Cal Multiplr: 1.00
Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260-H2O.M (RTE Integrator)
Title : SW-846 -8260
Last Update : Wed Apr 05 11:10:12 2000
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	pentafluorobenzene	1.000	1.000	0.0	77	0.00
2	T	dichlorodifluoromethane	1.565	1.731	-10.6	95	0.00
3	P	chloromethane	2.566	3.093	-20.5#	94	0.04
4	C	vinyl chloride*	1.831	1.995	-9.0	92	0.00
5	T	bromomethane	1.495	1.340	10.4	69	0.00
6	T	chloroethane	1.060	0.988	6.8	78	0.00
7	T	trichlorofluoromethane	2.751	2.137	22.3#	65	0.00
8	CM	1,1-dichloroethene*	2.645	2.364	10.6	75	0.00
9	T	methylene chloride	1.650	1.831	-11.0	88	0.00
10	T	trans-1,2-dichloroethene	2.737	1.730	36.8#	52	0.00
11	T	Acetone	0.085	0.000#	100.0#	0#	-3.64#
12	T	Methyl ethyl ketone*	0.179	0.005#	97.2#	2#	0.03
13	P	1,1-dichloroethane	2.954	2.116	28.4#	59	0.00
[illegible]	T	2,2-dichloropropane	1.626	0.660	59.4#	32#	0.00
[illegible]	T	cis-1,2-dichloroethene	2.376	1.831	22.9#	63	0.00
16	T	bromochloromethane	0.755	0.650	13.9	70	0.00
17	C	chloroform*	3.019	3.610	-19.6	97	0.00
18	S	dibromofluoromethane	1.751	1.079	38.4#	44#	0.00
19	T	1,2,1-trichloroethane	1.694	0.961	43.3#	46#	0.00
20	I	1,4-difluorobenzene	1.000	1.000	0.0	53	0.00
21	T	carbon tetrachloride*	0.741	0.568	23.3#	47#	0.00
22	T	1,1-dichloropropene	0.731	0.632	13.5	53	0.00
23	M	benzene*	1.455	1.294	11.1	54	0.00
24	T	1,2-dichloroethane*	1.507	1.273	15.5	48#	0.01
25	M	trichloroethene*	0.567	0.516	9.0	55	0.00
26	C	1,2-dichloropropane	0.416	0.409	1.7	58	0.00
27	T	dibromomethane	0.569	0.565	0.7	57	0.01
28	T	bromodichloromethane	0.899	0.832	7.5	53	0.00
29	T	cis-1,3-dichloropropene	0.673	0.704	-4.6	62	0.00
30	T	4-Methyl-2-pentanone	1.154	0.003#	99.7#	0#	0.01
31	S	toluene-d8	0.660	0.814	-23.3#	63	0.00
32	M	toluene	0.376	0.492	-30.9#	76	0.00
33	T	trans-1,3-dichloropropene	0.599	0.665	-11.0	64	0.00
34	T	1,1,2-trichloroethane	0.297	0.324	-9.1	65	0.00
35	T	2-Hexanone	0.823	0.000#	100.0#	0#	-8.36#
36	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
37	T	tetrachloroethene*	0.557	0.422	24.2#	70	0.00
[illegible]	T	1,3-dichloropropane	1.550	1.238	20.1#	71	0.00
[illegible]	T	dibromochloromethane	1.336	0.933	30.2#	61	0.00
40	T	1,2-dibromoethane	0.874	0.796	8.9	78	0.00
41	M	chlorobenzene*	1.109	1.045	5.8	84	0.00
42	T	1,1,1,2-tetrachloroethane	0.671	0.112	83.3#	14#	0.10
43	C	ethylbenzene	0.263	0.305	-16.0	103	0.00

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44	T	m,p-xylene	0.447	0.404	9.6	85	0.00
45	T	o-xylene	0.375	0.349	6.9	83	0.00
46	T	styrene	0.616	0.647	-5.0	93	0.00
47	P	bromoform	0.742	0.736	0.8	89	0.00
48	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
[illegible]	T	isopropylbenzene	0.745	1.010	-35.6#	125	0.00
50	S	4-bromofluorobenzene	1.551	1.541	0.6	85	0.00
51	T	bromobenzene	0.902	0.957	-6.1	90	-0.01
52	P	1,1,2,2-tetrachloroethane	1.883	2.186	-16.1	105	0.00
53	T	1,2,3-trichloropropane	0.485	0.610	-25.8#	105	0.01
54	T	n-propylbenzene	0.367	0.375	-2.2	108	0.00
55	T	2-chlorotoluene	0.569	0.556	2.3	98	0.00
56	T	4-chlorotoluene	0.512	0.484	5.5	92	0.00
57	T	1,3,5-trimethylbenzene	0.746	1.010	-35.4#	125	0.00
58	T	tert-butylbenzene	1.010	1.078	-6.7	90	-0.01
59	T	1,2,4-trimethylbenzene	0.784	1.145	-46.0#	129	0.00
60	T	sec-butylbenzene	1.041	1.632	-56.8#	145	0.00
61	T	1,3-dichlorobenzene	1.034	1.057	-2.2	101	-0.01
62	T	4-isopropyltoluene	0.206	0.332	-61.2#	147	0.00
63	T	1,4-dichlorobenzene	0.956	0.960	-0.4	106	0.00
64	T	1,2-dichlorobenzene	0.990	1.122	-13.3	111	0.00
65	T	n-butylbenzene	0.651	0.824	-26.6#	109	0.00
66	T	1,2-dibromo-3-chloropropane	0.193	0.288	-49.2#	137	0.00
67	T	1,2,4-trichlorobenzene	0.889	1.002	-12.7	101	0.00
68	T	hexachlorobutadiene	0.168	0.245	-45.8#	128	0.00
69	T	naphthalene	3.220	3.357	-4.3	96	0.00
70	T	1,2,3-trichlorobenzene	0.890	1.021	-14.7	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

000404L2.D 8260-H2O.M Wed Apr 05 12:14:34 2000

Argus Analytical, Inc.

Organics QC Summary
Semivolatile Organics

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Semivolatile Organics - QC Data Package Summary
Dinoseb

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): 03/31/2000

Sample #	QC Data Package Starting Page # - Prefix	Surrogate Recoveries - %					
		2-Fluorophenol	Phenol-d5	Nitrobenzene -d5	2-Fluorobiphenyl	2,4,6-Tribromophenol	p-Terphenyl -d14
AA 88259	S	106	87	99	95	70	78
AA 88262	S	104	86	88	95	75	73
AA 88263	S	108	96	100	113	85	79
AA 88264	S	98	80	82	90	71	81
AA 88265	S	106	97	96	109	84	75
AA 88266	S	103	90	92	102	91	86
AA 88267	S	91	75	76	80	78	78
AA 88268	S	84	72	71	79	80	94
AA 88269	S	84	70	71	81	69	75
AA 88270	S	71	60	63	68	75	80
AA 88271	S	95	79	76	87	91	86
AA 88272	S	91	76	78	82	83	89
Acceptable Range - Water:		21-110	10-110	35-114	43-116	10-123	33-141
- Soil:		25-121	24-113	23-120	30-115	19-122	18-137

Starting Page # - Suffix	Data Package Contents
.10	Blank results
.20	MS/MSD Results and Precision
.40	Tune Data
.50	Calibration Summary - Initial
.60	Calibration Summary - Continuing

f:\users\public\forms\qc\datapack\v\88259sv1.xls

Quantitation Report (QT Reviewed) S.10

Data File : D:\HPCHEM\1\DATA\000404\BLK.D
Acq On : 4 Apr 2000 5:10 pm
Sample : dino blk
Misc :
MS Integration Params: rteint.p
Quant Time: Apr 11 8:17 2000

Vial: 31
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8270-029.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 04 14:31:50 2000
Response via : Initial Calibration
DataAcq Meth : 8270-030

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.09	152	426268	40.00	ng	0.12
19) Naphthalene-d8	6.34	136	1520027	40.00	ng	0.15
39) Acenaphthene-d10	8.07	164	772504	40.00	ng	0.17
66) Phenanthrene-d10	9.50	188	969517	40.00	ng	0.17
84) Chrysene-d12	12.12	240	387287	40.00	ng	0.19
92) Perylene-d12	14.15	264	267953	40.00	ng	0.32

System Monitoring Compounds						
4) 2-Fluorophenol	3.87	112	2505131m	83.66	ppb	-0.04
Spiked Amount 200.000	Range 21 - 100		Recovery = 41.83%			
7) Phenol-d5	4.80	99	3364763m	99.87	ppb	-0.04
Spiked Amount 200.000	Range 10 - 94		Recovery = 49.94%			
21) Nitrobenzene-d5	5.66	82	1821573	63.87	ppb	0.13
Spiked Amount 100.000	Range 35 - 114		Recovery = 63.87%			
44) 2-Fluorobiphenyl	7.42	172	2845096	54.32	ppb	0.16
Spiked Amount 100.000	Range 43 - 116		Recovery = 54.32%			
72) 2,4,6-Tribromophenol	8.86	330	1343766	162.07	ppb	0.15
Spiked Amount 200.000	Range 10 - 123		Recovery = 81.03%			
85) p-Terphenyl-d14	11.09	244	1991294	83.46	ppb	0.18
Spiked Amount 100.000	Range 33 - 141		Recovery = 83.46%			

Target Compounds				Qvalue
2) n-Nitrosodimethylamine	0.00	74	0	N.D.
3) Pyridine	0.00	79	0	N.D.
5) Aniline	0.00	93	0	N.D.
6) Phenol	4.81	94	2689	N.D.
8) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
9) 2-Chlorophenol	0.00	128	0	N.D. d
10) 1,3-Dichlorobenzene	5.10	146	388	N.D.
11) 1,4-Dichlorobenzene	5.10	146	388	N.D.
12) 1,2-Dichlorobenzene	0.00	146	0	N.D.
13) Benzyl alcohol	0.00	108	0	N.D.
14) o-Cresol	0.00	107	0	N.D.
15) bis(2-Chloroisopropyl)ethe	0.00	45	0	N.D.
16) Hexachloroethane	0.00	117	0	N.D.
17) p-Cresol	0.00	107	0	N.D.
18) N-Nitrosodipropylamine	0.00	70	0	N.D. d
20) N-Nitroso-morpholine	0.00	56	0	N.D.
22) Nitrobenzene	0.00	77	0	N.D. d
23) N-Nitrosopiperidine	0.00	114	0	N.D.
24) Isophorone	0.00	82	0	N.D. d
25) 2-Nitrophenol	0.00	139	0	N.D.

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed) S.11

Data File : D:\HPCHEM\1\DATA\000404\BLK.D
Acq On : 4 Apr 2000 5:10 pm
Sample : dino blk
Misc :
RTE Integration Params: rteint.p
Quant Time: Apr 11 8:17 2000

Vial: 31
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8270-029.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 04 14:31:50 2000
Response via : Initial Calibration
DataAcq Meth : 8270-030

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	2,4-Dimethylphenol	0.00	122	0	N.D.	
27)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
28)	2,4-Dichlorophenol	0.00	162	0	N.D.	
29)	Benzoic acid	0.00	122	0	N.D.	
30)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
31)	Naphthalene	6.36	128	335	N.D.	
32)	2,6-Dichlorophenol	0.00	162	0	N.D.	
33)	4-Chloroaniline	0.00	127	0	N.D.	
34)	Hexachlorobutadiene	0.00	225	0	N.D.	
35)	N-Nitrosodi-n-butylamine	0.00	84	0	N.D.	
36)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
37)	1-Methylnaphthalene	0.00	142	0	N.D.	
38)	2-Methylnaphthalene	0.00	142	0	N.D.	
40)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
41)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
42)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
43)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
45)	1-Chloronaphthalene	0.00	162	0	N.D.	
46)	2-Chloronaphthalene	0.00	162	0	N.D.	
47)	2-Nitroaniline	0.00	65	0	N.D.	d
48)	Acenaphthylene	0.00	152	0	N.D.	
49)	Dimethyl phthalate	7.85	163	1052	N.D.	
50)	2,4-Dinitrotoluene	0.00	165	0	N.D.	
51)	3-Nitroaniline	0.00	138	0	N.D.	
52)	Acenaphthene	8.07	154	2894	N.D.	
53)	2,4-Dinitrophenol	0.00	184	0	N.D.	d
54)	Dibenzofuran	0.00	168	0	N.D.	
55)	Pentachlorobenzene	0.00	250	0	N.D.	
56)	4-Nitrophenol	0.00	139	0	N.D.	
57)	1-Naphthylamine	0.00	143	0	N.D.	
58)	2,6-Dinitrotoluene	0.00	165	0	N.D.	d
59)	2-Naphthylamine	8.07	143	506	No Calib	#
60)	2,3,4,6-Tetrachlorophenol	0.00	232	0	N.D.	
61)	Fluorene	0.00	166	0	N.D.	
62)	4-Chlorophenyl phenyl ethe	0.00	204	0	N.D.	
63)	Diethyl phthalate	0.00	149	0	N.D.	
64)	Azobenzene	0.00	77	0	N.D.	d
65)	4-Nitroaniline	0.00	138	0	N.D.	
67)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
68)	Diphenylamine	0.00	169	0	N.D.	d
69)	N-Nitrosodiphenylamine	0.00	169	0	N.D.	d

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed) S.12

Data File : D:\HPCHEM\1\DATA\000404\BLK.D
Acq On : 4 Apr 2000 5:10 pm
Sample : dino blk
Misc :
MS Integration Params: rteint.p
Quant Time: Apr 11 8:17 2000

Vial: 31
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8270-029.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 04 14:31:50 2000
Response via : Initial Calibration
DataAcq Meth : 8270-030

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
70)	1,2-Diphenylhydrazine	0.00	77	0	N.D. d	
71)	p-Phenylenediamine	0.00	108	0	N.D. d	
73)	4-Bromophenyl phenyl ether	0.00	248	0	N.D.	
74)	1,3,5-Trinitrobenzene	0.00	75	0	N.D.	
75)	Hexachlorobenzene	0.00	284	0	N.D.	
76)	4-Aminobiphenyl	0.00	169	0	N.D.	
77)	Pentachlorophenol	0.00	266	0	N.D.	
78)	Pentachloronitrobenzene	0.00	237	0	N.D.	
79)	Phenanthrene	9.50	178	310	N.D.	
80)	Anthracene	9.50	178	310	N.D.	
81)	Di-n-butyl phthalate	10.15	149	444	N.D.	
82)	Fluoranthene	0.00	202	0	N.D.	
83)	Pyrene	0.00	202	0	N.D. d	
86)	p-Dimethylaminoazobenzene	0.00	225	0	N.D.	
87)	Butyl benzyl phthalate	0.00	149	0	N.D.	
88)	Benzo(a)anthracene	12.13	228	1086	N.D.	
89)	Chrysene	12.13	228	1086	N.D.	
90)	bis(2-Ethylhexyl) phthalat	12.23	149	10341	0.49 ppb #	88
91)	Di-n-octyl phthalate	0.00	149	0	N.D.	
93)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
94)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
95)	7,12-dimethylbenz[a]anthra	0.00	126	0	N.D. d	
96)	Benzo(a)pyrene	0.00	252	0	N.D.	
97)	3-Methylcholanthrene	0.00	268	0	N.D.	
98)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
99)	Dibenzo(a,h)anthracene	0.00	278	0	N.D.	
100)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

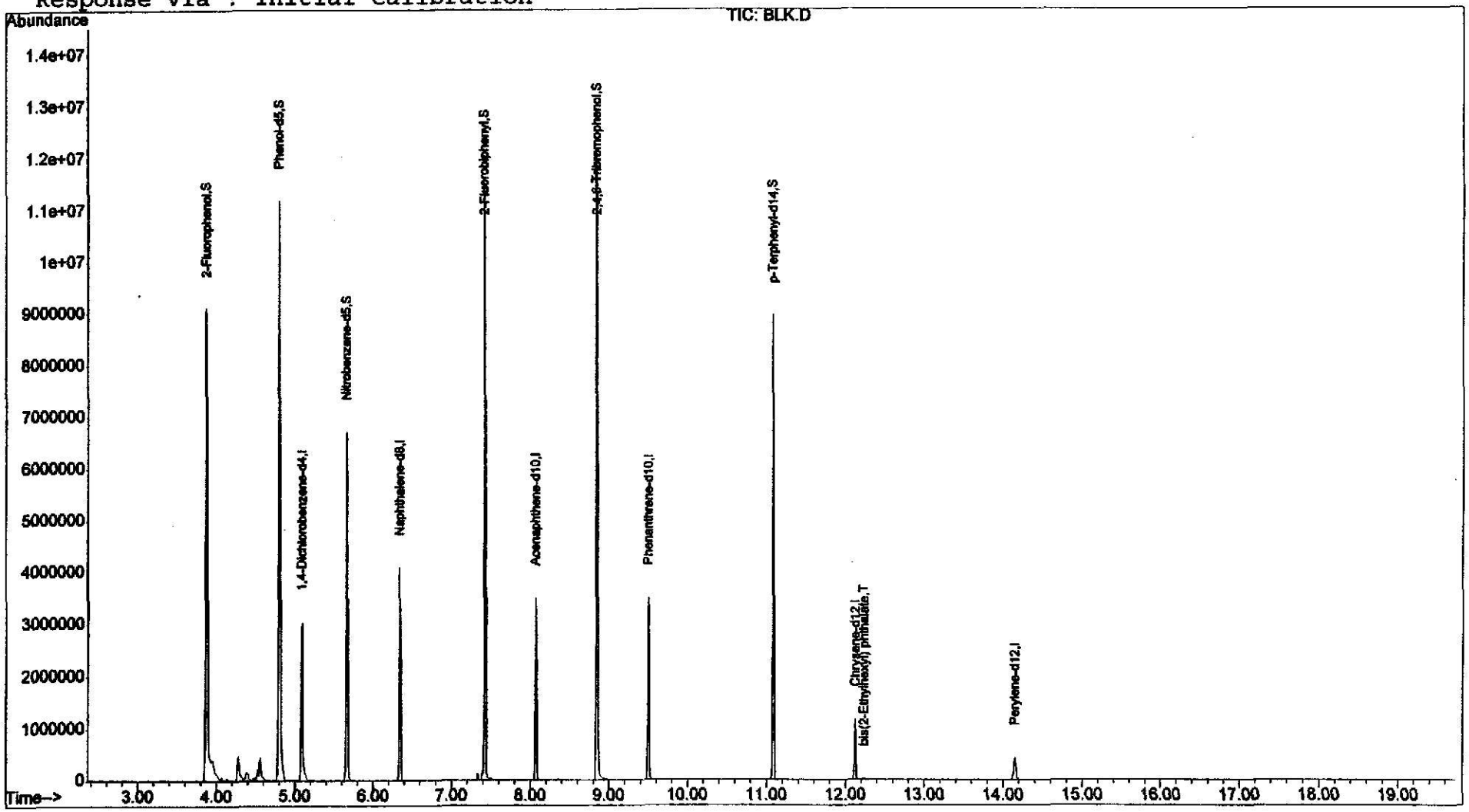
Quantitation Report

Data File : D:\HPCHEM\1\DATA\000404\BLK.D
Acq On : 4 Apr 2000 5:10 pm
Sample : dino blk
Misc :
MS Integration Params: rteint.p
Quant Time: Apr 11 8:17 2000

Vial: 31
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8270-029.RES

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Mon Apr 10 08:51:45 2000
Response via : Initial Calibration



S/13

Spike Recovery and RPD Summary Report - WATER

Method : D:\HPCHEM\1\METHODS\DINOSEB.M (RTE Integrator)
Title :
Last Update : Tue Apr 11 08:52:17 2000
Response via : Initial Calibration

Non-Spiked Sample: 88259.D

	Spike Sample	Spike Duplicate Sample
File ID :	88259MS.D	88259MSD.D
Sample :	dino aa88259 ms	dino aa88259 msd
Acq Time:	4 Apr 2000 6:02 pm	4 Apr 2000 6:28 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.1	200	55	68	27	34	22	42	12-110
2-Chlorophenol	0.0	200	117	134	58	67	14	40	27-123
1,4-Dichlorobenzene	0.0	100	47	58	46	58	22	28	36- 97
N-Nitrosodipropylami	0.0	100	56	68	56	68	18	38	41-116
1,2,4-Trichlorobenze	0.0	100	41	53	41	53	25	28	39- 98
4-Chloro-3-methylphe	0.3	200	81	100	40	50	21	42	23- 97
Dinoseb	72.0	200	301	309	115	119	3	50	9-127
2,4-Dinitrotoluene	0.0	100	62	68	62	68	10	38	24- 96
Acenaphthene	0.1	100	47	64	47	64	30	31	46-118
4-Nitrophenol	0.1	200	47	45	23	23	3	50	10- 80
Pentachlorophenol	26.3	200	145	176	59	75	24	50	9-103
Pyrene	0.7	100	105	114	104	113	8	31	26-127

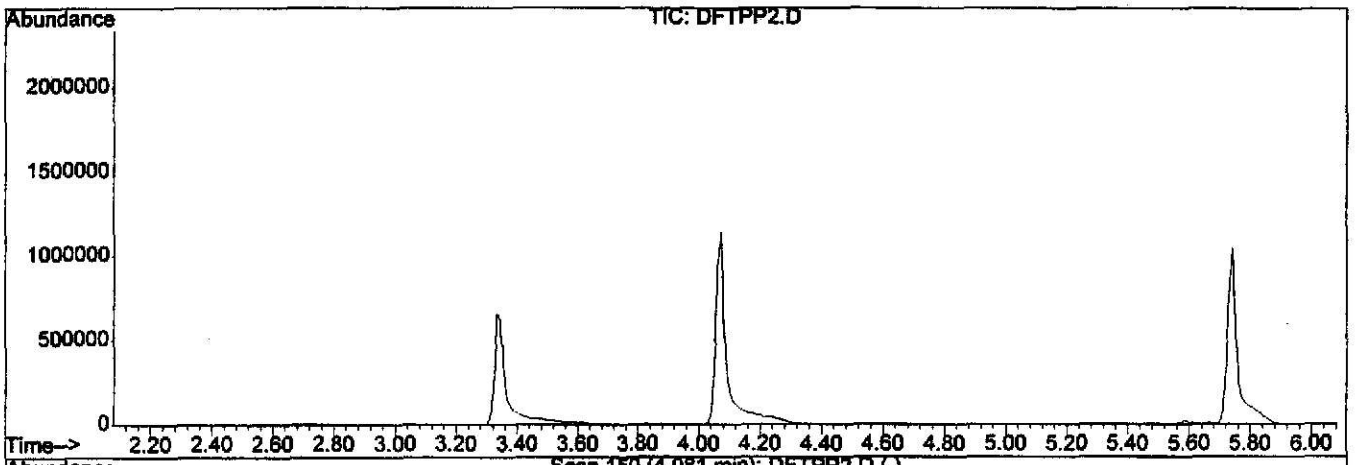
- Fails Limit Check

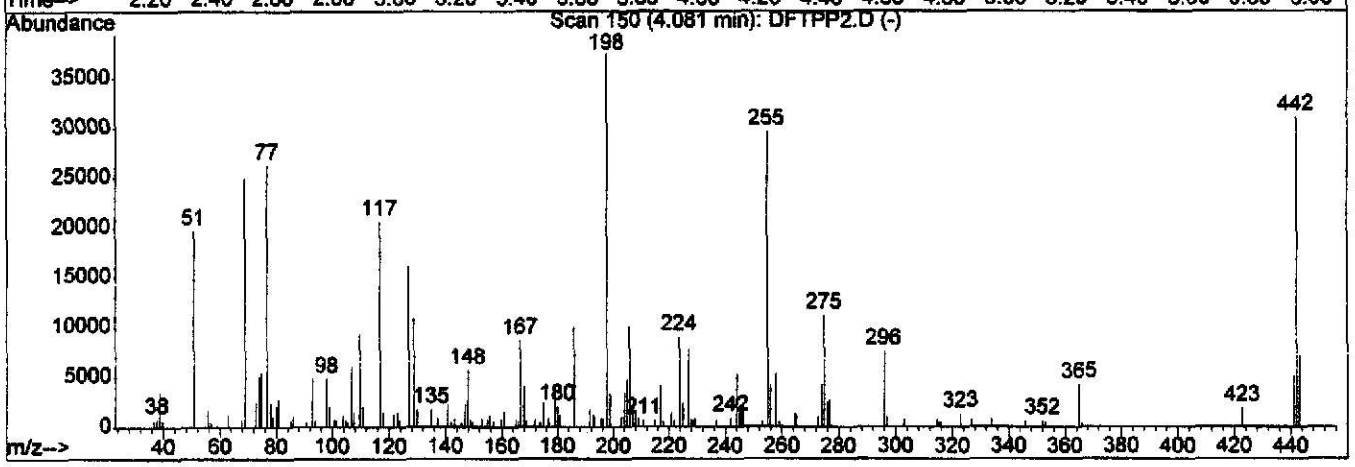
DINOSEB.M Tue Apr 11 08:54:09 2000

DFTPP

Data File : D:\HPCHEM\1\DATA\000404\DFTPP2.D
Acq On : 4 Apr 2000 2:18 pm
Sample : tune check
Misc :
MS Integration Params: rteint.p
Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :

Vial: 2
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00





Spectrum Information: Scan 150

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.5	19712	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	66.6	25008	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	42.9	16096	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	37544	PASS
199	198	5	9	9.0	3368	PASS
275	198	10	30	29.8	11189	PASS
365	198	1	100	11.4	4262	PASS
441	443	0.01	100	72.3	5158	PASS
442	198	40	100	82.8	31072	PASS
443	442	17	23	23.0	7135	PASS

S.50

Response Factor Report GC/MS Ins

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Mon Jan 17 15:00:45 2000
Response via : Initial Calibration

initial calibration 1/17/00

Calibration Files
20 =STD20.D 50 =STD50.D 80 =STD80.D
120 =STD120.D 160 =STD160.D

		Compound	20	50	80	120	160	Avg	%RSD
1)	I	1,4-Dichlorobenzene-d	----------	----------	ISTD	----------	----------		
2)	T	n-Nitrosodimethylamin	1.655	1.531	1.289	1.489	1.560	1.505	8.98
3)	T	Pyridine	2.047	2.280	2.166	2.561	2.581	2.327	10.21
4)	S	2-Fluorophenol	2.901	2.846	2.460	2.915	2.927	2.810	7.05
5)	T	Aniline	2.371	2.813	2.889	2.368	2.237	2.536	11.61
6)	CMT	Phenol	2.947	2.994	2.575	3.026	2.995	2.907	6.47
7)	S	Phenol-d5	3.213	3.265	2.785	3.292	3.252	3.161	6.72
8)	T	bis(2-Chloroethyl)eth	2.768	2.783	2.757	3.508	3.339	3.031	11.99
9)	MT	2-Chlorophenol	2.591	2.587	2.250	2.602	2.561	2.518	5.98
10)	T	1,3-Dichlorobenzene	2.349	2.617	2.438	2.417	2.461	2.456	4.03
11)	CMT	1,4-Dichlorobenzene	4.458	3.656	3.467	3.713	3.578	3.774	10.42
12)	T	1,2-Dichlorobenzene	3.325	2.994	2.566	2.921	2.879	2.937	9.24
13)	T	Benzyl alcohol	1.458	1.567	1.390	1.665	1.642	1.545	7.66
14)	T	o-Cresol	2.007	2.001	1.689	2.021	1.962	1.936	7.21
15)	T	bis(2-Chloroisopropyl	4.283	3.875	3.912	3.694	3.559	3.865	7.09
16)	T	Hexachloroethane	1.463	1.328	1.145	1.311	1.266	1.303	8.81
17)	T	p-Cresol	2.886	2.769	2.331	2.723	2.638	2.669	7.85
18)	MPT	N-Nitrosodipropylamin	1.868	1.825	1.501	1.798	1.743	1.747	8.29
19)	I	Naphthalene-d8	----------	----------	ISTD	----------	----------		
20)		N-Nitroso-morpholine						0.000#	-1.00
21)	S	Nitrobenzene-d5	0.829	0.765	0.679	0.748	0.731	0.750	7.28
22)	T	Nitrobenzene	1.064	1.007	0.898	0.981	0.971	0.984	6.12
23)	T	N-Nitrosopiperidine						0.000#	-1.00
24)	T	Isophorone	1.587	1.440	1.276	1.449	1.386	1.428	7.88
25)	CT	2-Nitrophenol	0.408	0.430	0.390	0.439	0.439	0.421	5.13
26)	T	2,4-Dimethylphenol	0.672	0.626	0.555	0.614	0.608	0.615	6.82
27)	T	bis(2-Chloroethoxy)me	1.026	0.909	0.777	0.863	0.847	0.885	10.46
28)	CT	2,4-Dichlorophenol	0.668	0.608	0.566	0.624	0.635	0.620	6.04
29)	T	Benzoic acid	0.222	0.235	0.257	0.261	0.260	0.247	7.03
30)	MT	1,2,4-Trichlorobenzen	0.847	0.737	0.648	0.700	0.695	0.725	10.32
31)	T	Naphthalene	2.348	2.051	1.832	2.010	2.238	2.096	9.63
32)	T	2,6-Dichlorophenol	0.646	0.619	0.566	0.624	0.624	0.616	4.85
33)	T	4-Chloroaniline	0.789	0.686	0.630	0.674	0.648	0.685	9.06
34)	CT	Hexachlorobutadiene	0.543	0.466	0.420	0.450	0.445	0.465	10.11
35)	T	N-Nitrosodi-n-butylam						0.000#	-1.00
36)	CMT	4-Chloro-3-methylphen	0.619	0.622	0.544	0.596	0.605	0.597	5.31
37)		1-Methylnaphthalene	1.926	1.801	1.514	1.628	1.586	1.691	9.97
38)	T	2-Methylnaphthalene	2.070	1.801	1.507	1.636	1.639	1.731	12.52
39)	I	Acenaphthene-d10	----------	----------	ISTD	----------	----------		
40)	T	1,2,4,5-Tetrachlorobe						0.000#	-1.00
41)	PT	Hexachlorocyclopentad	0.401	0.582	0.539	0.558	0.546	0.525	13.55

(#) = Out of Range

Response Factor Report GC/MS Ins

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Mon Jan 17 15:00:45 2000
Response via : Initial Calibration

Calibration Files
20 =STD20.D 50 =STD50.D 80 =STD80.D
120 =STD120.D 160 =STD160.D

		Compound	20	50	80	120	160	Avg	%RSD
42)	CT	2,4,6-Trichlorophenol	0.674	0.744	0.676	0.783	0.758	0.727	6.81
43)	T	2,4,5-Trichlorophenol	0.785	0.848	0.773	0.896	0.860	0.832	6.24
44)	S	2-Fluorobiphenyl	3.117	2.750	2.294	2.546	2.343	2.610	12.88
45)	T	1-Chloronaphthalene	2.437	2.248	1.968	2.148	2.022	2.165	8.66
46)	T	2-Chloronaphthalene	2.470	2.277	1.927	2.159	2.016	2.170	9.89
47)	T	2-Nitroaniline	0.597	0.664	0.607	0.684	0.659	0.642	5.92
48)	T	Acenaphthylene	3.767	3.285	2.791	3.019	2.719	3.116	13.66
49)	T	Dimethyl phthalate	3.006	2.700	2.245	2.515	2.305	2.554	12.13
50)	MT	2,4-Dinitrotoluene	0.717	0.843	0.756	0.888	0.853	0.812	8.84
51)	T	3-Nitroaniline	0.760	0.818	0.754	0.854	0.823	0.802	5.37
52)	CMT	Acenaphthene	2.341	2.059	1.734	1.958	1.850	1.989	11.63
53)	PT	2,4-Dinitrophenol	0.199	0.255	0.274	0.284	0.257	0.254	12.96
54)	T	Dibenzofuran	3.473	3.128	2.654	2.880	2.565	2.940	12.55
55)	T	Pentachlorobenzene						0.000#	-1.00
56)	MPT	4-Nitrophenol	0.519	0.373	0.407	0.443	0.450	0.439	12.43
57)	T	1-Naphthylamine						0.000#	-1.00
58)	T	2,6-Dinitrotoluene	0.634	0.669	0.605	0.690	0.662	0.652	5.06
59)	T	2-Naphthylamine						0.000#	-1.00
60)	T	2,3,4,6-Tetrachloroph						0.000#	-1.00
61)	T	Fluorene	2.694	2.509	2.103	2.422	2.247	2.395	9.57
62)	T	4-Chlorophenyl phenyl	1.325	1.248	1.106	1.301	1.266	1.249	6.83
63)	T	Diethyl phthalate	3.006	2.687	2.274	2.560	2.233	2.552	12.44
64)		Azobenzene	2.880	2.715	2.333	2.574	2.364	2.573	9.03
65)	T	4-Nitroaniline	0.760	0.818	0.754	0.854	0.821	0.801	5.34
66)	I	Phenanthrene-d10	----------ISTD----------						
67)	T	4,6-Dinitro-2-methylp						0.000#	-1.00
68)	CT	Diphenylamine	1.258	1.168	0.922	1.060	1.003	1.082	12.29
69)	T	N-Nitrosodiphenylamin	1.258	1.168	0.922	1.060	1.003	1.082	12.29
70)	T	1,2-Diphenylhydrazine	2.016	1.786	1.519	1.640	1.539	1.700	12.11
71)		p-Phenylenediamine	0.254	0.271	0.235	0.248	0.236	0.249	5.97
72)	S	2,4,6-Tribromophenol	0.290	0.344	0.329	0.376	0.373	0.342	10.33
73)	T	4-Bromophenyl phenyl	0.526	0.480	0.421	0.464	0.441	0.467	8.59
74)		1,3,5-Trinitrobenzene						0.000#	-1.00
75)	T	Hexachlorobenzene	0.787	0.682	0.584	0.647	0.631	0.666	11.42
76)	T	4-Aminobiphenyl						0.000#	-1.00
77)	CMT	Pentachlorophenol	0.348	0.428	0.470	0.430	0.456	0.427	11.06
78)	T	Pentachloronitrobenze						0.000#	-1.00
79)	T	Phenanthrene	2.403	2.157	1.740	1.940	1.742	1.996	14.28
80)	T	Anthracene	2.616	2.325	1.913	2.056	1.832	2.148	14.97
81)	T	Di-n-butyl phthalate	2.562	2.864	2.171	2.078	2.413	2.418	13.02
82)	CT	Fluoranthene	2.405	2.228	1.828	1.973	1.809	2.049	12.72
83)	TM	Pyrene	2.433	2.223	1.810	1.958	1.829	2.051	13.16
84)	I	Chrysene-d12	----------ISTD----------						

(#) = Out of Range

Response Factor Report GC/MS Ins

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Mon Jan 17 15:00:45 2000
Response via : Initial Calibration

Calibration Files
20 =STD20.D 50 =STD50.D 80 =STD80.D
120 =STD120.D 160 =STD160.D

		Compound	20	50	80	120	160	Avg	%RSD
85)	S	p-Terphenyl-d14	3.018	2.608	2.169	2.328	2.197	2.464	14.41
86)	T	p-Dimethylaminoazoben						0.000#	-1.00
87)	T	Butyl benzyl phthalat	1.794	1.672	1.389	1.589	1.500	1.589	9.78
88)	T	Benzo(a)anthracene	2.134	2.216	2.025	2.161	2.124	2.132	3.27
89)	T	Chrysene	2.904	2.456	2.256	2.210	2.426	2.450	11.21
90)	T	bis(2-Ethylhexyl) pht	2.404	2.393	1.893	2.165	2.042	2.179	10.18
91)	CT	Di-n-octyl phthalate	2.404	2.394	1.894	2.167	2.043	2.180	10.18
92)	I	Perylene-d12	----------ISTD----------						
93)	T	Benzo(b)fluoranthene	2.341	2.065	2.033	2.308	2.477	2.245	8.46
94)	T	Benzo(k)fluoranthene	2.470	2.549	2.041	2.180	1.831	2.214	13.45
95)		7,12-dimethylbenz[a]a	0.406	0.344	0.294	0.320	0.320	0.337	12.69
96)	CT	Benzo(a)pyrene	2.383	2.153	1.928	2.106	2.075	2.129	7.75
97)	T	3-Methylcholanthrene						0.000#	-1.00
98)	T	Indeno(1,2,3-cd)pyren	2.567	2.784	2.536	2.704	2.875	2.693	5.32
99)	T	Dibenzo(a,h)anthracen	2.235	2.378	2.154	2.294	2.417	2.296	4.63
100)	T	Benzo(g,h,i)perylene	2.171	2.287	2.137	2.257	2.392	2.249	4.47

(#) = Out of Range

Continuing Calibration Report GC/MS Ins

S.60

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 11 09:31:48 2000
Response via : Initial Calibration

Continuing Calibration File: STD80B.D

4/4/00

Min. RRF : 0.050 Min. Rel. Area : 10%
Max. RRF Dev : 25% Max. Rel. Area : 500%

		Compound	AvgRF	CCRF	%Dev	Area%
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94
2	T	n-Nitrosodimethylamine	1.505	1.281	14.8	93
3	T	Pyridine	2.327	2.101	9.7	91
4	S	2-Fluorophenol	2.810	2.341	16.7	89
5	T	Aniline	2.536	2.096	17.3	68
6	CMT	Phenol	2.907	2.463	15.3	90
7	S	Phenol-d5	3.161	2.562	18.9	86
8	T	bis(2-Chloroethyl)ether	3.031	2.469	18.5	84
9	MT	2-Chlorophenol	2.518	2.115	16.0	88
10	T	1,3-Dichlorobenzene	2.456	2.244	8.6	86
11	CMT	1,4-Dichlorobenzene	3.774	3.133	17.0	85
12	T	1,2-Dichlorobenzene	2.937	2.464	16.1	90
13	T	Benzyl alcohol	1.545	1.208	21.8	82
14	T	o-Cresol	1.936	1.664	14.1	92
15	T	bis(2-Chloroisopropyl)ether	3.865	3.676	4.9	88
16	T	Hexachloroethane	1.303	1.092	16.2	89
17	T	p-Cresol	2.669	2.167	18.8	87
18	MPT	N-Nitrosodipropylamine	1.747	1.548	11.4	97
19	I	Naphthalene-d8	1.000	1.000	0.0	94
20		N-Nitroso-morpholine	0.000	0.000#	0.0	0#
21	S	Nitrobenzene-d5	0.750	0.603	19.7	83
22	T	Nitrobenzene	0.984	0.817	17.0	85
23	T	N-Nitrosopiperidine	0.000	0.000#	0.0	0#
24	T	Isophorone	1.428	1.182	17.2	87
25	CT	2-Nitrophenol	0.421	0.377	10.4	91
26	T	2,4-Dimethylphenol	0.615	0.587	4.5	99
27	T	bis(2-Chloroethoxy)methane	0.885	0.734	17.0	89
28	CT	2,4-Dichlorophenol	0.620	0.670	-8.1	111
29	T	Benzoic acid	0.247	0.191	22.7	70
30	MT	1,2,4-Trichlorobenzene	0.725	0.665	8.4	96
31	T	Naphthalene	2.096	1.784	14.9	91
32	T	2,6-Dichlorophenol	0.616	0.670	-8.8	111
33	T	4-Chloroaniline	0.685	0.692	-1.0	103
34	CT	Hexachlorobutadiene	0.465	0.405	12.9	91
35	T	N-Nitrosodi-n-butylamine	0.000	0.000#	0.0	0#
36	CMT	4-Chloro-3-methylphenol	0.597	0.677	-13.4	117
37		1-Methylnaphthalene	1.691	1.373	18.8	85
38	T	2-Methylnaphthalene	1.731	1.437	17.0	90
39	I	Acenaphthene-d10	1.000	1.000	0.0	93
40	T	1,2,4,5-Tetrachlorobenzene	0.000	0.000#	0.0	0#
41	PT	Hexachlorocyclopentadiene	0.525	0.465	11.4	81

(#) = Out of Range

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 11 09:31:48 2000
Response via : Initial Calibration

Continuing Calibration File: STD80B.D

Min. RRF : 0.050 Min. Rel. Area : 10%
Max. RRF Dev : 25% Max. Rel. Area : 500%

		Compound	AvgRF	CCRF	%Dev	Area%
42	CT	2,4,6-Trichlorophenol	0.727	0.587	19.3	81
43	T	2,4,5-Trichlorophenol	0.832	0.707	15.1	85
44	S	2-Fluorobiphenyl	2.712	2.552	5.9	85
45	T	1-Chloronaphthalene	2.165	2.223	-2.7	105
46	T	2-Chloronaphthalene	2.170	2.223	-2.4	107
47	T	2-Nitroaniline	0.642	0.567	11.6	87
48	T	Acenaphthylene	3.116	2.350	24.6	78
49	T	Dimethyl phthalate	2.554	2.173	14.9	90
50	MT	2,4-Dinitrotoluene	0.812	0.684	15.7	84
51	T	3-Nitroaniline	0.802	0.685	14.5	85
52	CMT	Acenaphthene	1.989	1.665	16.3	90
53	PT	2,4-Dinitrophenol	0.254	0.208	18.2	71
54	T	Dibenzofuran	2.940	2.604	11.4	91
55	T	Pentachlorobenzene	0.000	0.000#	0.0	0#
56	MPT	4-Nitrophenol	0.439	0.351	19.9	80
57	T	1-Naphthylamine	0.000	0.000#	0.0	0#
58	T	2,6-Dinitrotoluene	0.652	0.530	18.7	82
59	T	2-Naphthylamine	0.000	0.000#	0.0	0#
60	T	2,3,4,6-Tetrachlorophenol	0.000	0.000#	0.0	0#
61	T	Fluorene	2.395	2.245	6.3	99
62	T	4-Chlorophenyl phenyl ether	1.249	1.315	-5.3	111
63	T	Diethyl phthalate	2.552	2.081	18.5	85
64		Azobenzene	2.573	2.293	10.9	92
65	T	4-Nitroaniline	0.801	0.685	14.5	85
66	I	Phenanthrene-d10	1.000	1.000	0.0	74
67	T	4,6-Dinitro-2-methylphenol	0.000	-0.000#	0.0	0#
68	CT	Diphenylamine	1.082	1.069	1.2	86
69	T	N-Nitrosodiphenylamine	1.082	1.069	1.2	86
70	T	1,2-Diphenylhydrazine	1.700	1.875	-10.3	92
71		p-Phenylenediamine	0.249	0.232	6.7	73
72	S	2,4,6-Tribromophenol	0.342	0.291	15.0	66
73	T	4-Bromophenyl phenyl ether	0.467	0.359	23.0	63
74		1,3,5-Trinitrobenzene	0.000	0.000#	0.0	0#
75	T	Hexachlorobenzene	0.666	0.577	13.3	73
76	T	4-Aminobiphenyl	0.000	0.000#	0.0	0#
77	CMT	Pentachlorophenol	0.427	0.416	2.5	66
78	T	Pentachloronitrobenzene	0.000	0.000#	0.0	0#
79	T	Phenanthrene	1.996	1.715	14.1	73
80	T	Anthracene	2.148	2.121	1.3	82
81	T	Di-n-butyl phthalate	2.418	1.925	20.4	66
82	CT	Fluoranthene	2.049	1.984	3.2	81
83	TM	Pyrene	2.051	1.932	5.8	79

(#) = Out of Range

Method : D:\HPCHEM\1\METHODS\8270-029.M (RTE Integrator)
Title :
Last Update : Tue Apr 11 09:31:48 2000
Response via : Initial Calibration

Continuing Calibration File: STD80B.D

Min. RRF : 0.050 Min. Rel. Area : 10%
Max. RRF Dev : 25% Max. Rel. Area : 500%

		Compound	AvgRF	CCRF	%Dev	Area%
84	I	Chrysene-d12	1.000	1.000	0.0	53
85	S	p-Terphenyl-d14	2.464	1.891	23.2	46
86	T	p-Dimethylaminoazobenzene	0.000	0.000#	0.0	0#
87	T	Butyl benzyl phthalate	1.589	1.354	14.8	52
88	T	Benzo(a)anthracene	2.132	2.066	3.1	54
89	T	Chrysene	2.450	1.981	19.2	46
90	T	bis(2-Ethylhexyl) phthalate	2.179	2.078	4.7	58
91	CT	Di-n-octyl phthalate	3.165	2.565	19.0	46
92	I	Perylene-d12	1.000	1.000	0.0	32
93	T	Benzo(b)fluoranthene	2.245	1.777	20.8	28
94	T	Benzo(k)fluoranthene	2.214	1.860	16.0	29
95		7,12-dimethylbenz[a]anthracen	0.337	0.268	20.5	29
96	CT	Benzo(a)pyrene	2.129	1.760	17.3	29
97	T	3-Methylcholanthrene	0.000	0.000#	0.0	0#
98	T	Indeno(1,2,3-cd)pyrene	2.693	2.218	17.6	28
99	T	Dibenzo(a,h)anthracene	2.296	1.940	15.5	28
100	T	Benzo(g,h,i)perylene	2.249	1.924	14.4	28

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Argus Analytical, Inc.

Organics QC Summary
Pesticides

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Pesticides - QC Data Package Summary
Toxaphene

Argus Analytical, Inc.

Client: Vicksburg Chemical Receipt Date(s): 03/31/2000

Sample #	QC Data Package Starting Page # Prefix	Surrogate Recoveries - % TCMX	DCB
AA 88259	P	66	87
AA 88262	P	61	81
AA 88263	P	69	81
AA 88264	P	60	74
AA 88265	P	58	67
AA 88266	P	64	66
AA 88267	P	77	69
AA 88268	P	73	63
AA 88269	P	71	73
AA 88270	P	60	68
AA 88271	P	72	70
AA 88272	P	60	72

Starting Page # - Suffix	Data Package Contents
.10	Blank results
.20	MS/MSD Results and Precision
.50	Calibration Summary - Initial
.60	Calibration Summary - Continuing

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\000404A\00040413.D Vial: 13
Signal #2 : C:\HPCHEM\6\DATA\000404A\00040413.D\CONFIRM.D
Acq On : 04 Apr 00 04:05 PM Operator: jwh
Sample : Blank 10mL Water Inst : HP-2
Misc : Water : 1L->10mL Hexane Multiplr: 1.00
Quant Time: Apr 6 13:15 19100

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.72f	6.20f	3019849	5970153	74.518m	41.440m#
			Recovery	=	74.52%	41.44%
2) S DCB	19.90f	21.40f	2882119	5042507	89.577m	61.982m#
			Recovery	=	89.58%	61.98%
Target Compounds						
2) L1 Chlordane	0.00	0.00	0	0	N.D.	N.D.
3) L1 Chlordane {2}	0.00	0.00	0	0	N.D.	N.D.
4) L1 Chlordane {3}	0.00	0.00	0	0	N.D.	N.D.
5) L1 Chlordane {4}	0.00	0.00	0	0	N.D.	N.D.
6) L1 Chlordane {5}	0.00	0.00	0	0	N.D.d	N.D.d
Total Chlordane			0	0	N.D.	N.D.
Average Chlordane					0.000	0.000
7) L2 Toxaphene	0.00	0.00	0	0	N.D.d	N.D.d
8) L2 Toxaphene {2}	0.00	0.00	0	0	N.D.d	N.D.d
9) L2 Toxaphene {3}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Toxaphene {4}	0.00	0.00	0	0	N.D.d	N.D.d
11) L2 Toxaphene {5}	0.00	0.00	0	0	N.D.	N.D.
Total Toxaphene			0	0	N.D.	N.D.
Average Toxaphene					0.000	0.000

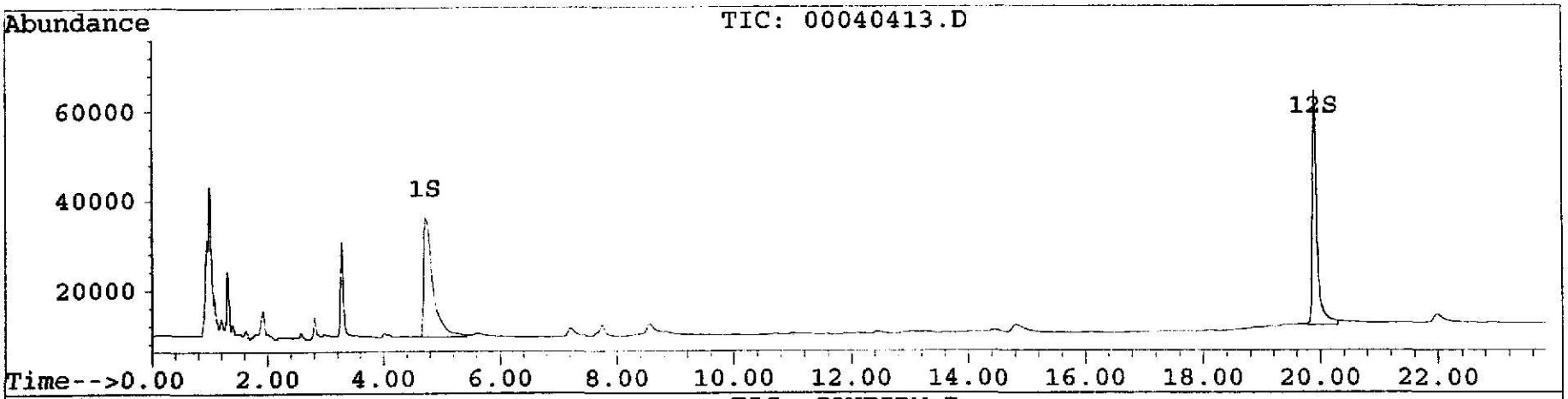
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

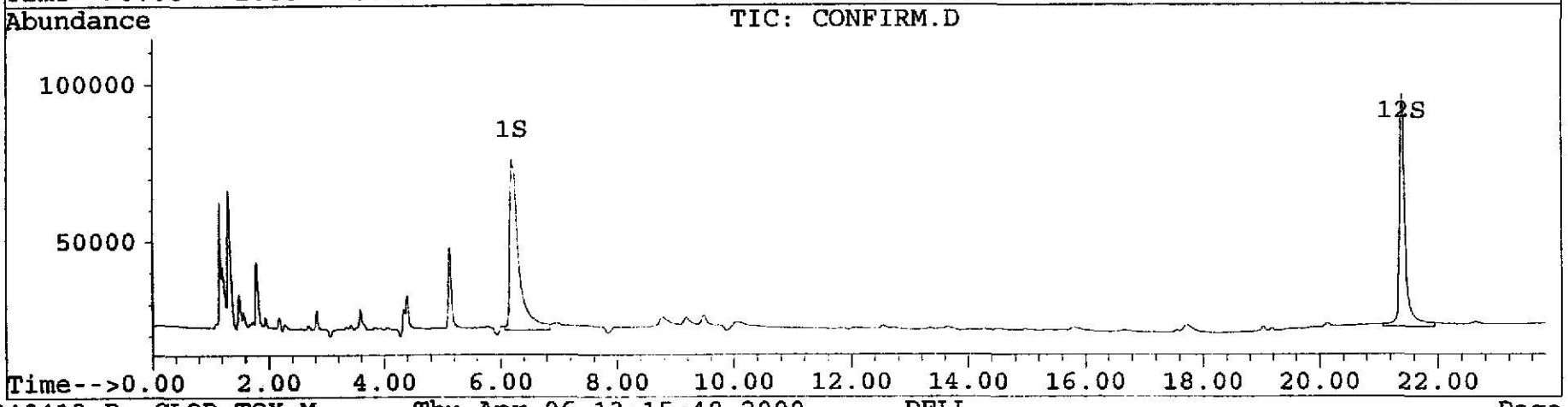
Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\000404A\00040413.D Vial: 13
Signal #2 : C:\HPCHEM\6\DATA\000404A\00040413.D\CONFIRM.D
Acq On : 04 Apr 00 04:05 PM Operator: jwh
Sample : Blank 10mL Water Inst : HP-2
Misc : Water : 1L->10mL Hexane Multiplr: 1.00
Quant Time: Apr 6 13:15 19100

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





P. 11

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Initial Calibration

Non-Spiked Sample: 00040421.D

	Spike Sample	Spike Duplicate Sample
File ID :	00040422.D	00040423.D
Sample :	AA88259 10mL Water Tox MS	AA88259 10mL Water MSD
Acq Time:	04 Apr 00 08:07 PM	04 Apr 00 08:35 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Toxaphene	0.0	10	10	10	100	100	0	15	60-140

CLOR-TOX.M Thu Apr 06 13:23:21 2000 DELL

Response Factor Report HP-2

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Initial Calibration

Calibration Files
1 =000224L1.D 2 =000224L2.D 3 =000224L3.D
4 =000224L4.D 5 =000224L5.D

		Compound	1	2	3	4	5	Avg		%RSD
1)	S	TCMX	42.1	41.0	40.1	42.3	37.1	40.5	E3	5.26
2)	L1	Chlordane	1.9	1.6	1.4	1.8	1.6	1.6	E3	12.55
3)	L1	Chlordane {2}	2.8	2.3	2.1	2.7	2.4	2.4	E3	12.63
4)	L1	Chlordane {3}	2.2	1.9	1.7	2.1	1.8	1.9	E3	11.68
5)	L1	Chlordane {4}	5.4	4.6	5.1	6.1	5.2	5.3	E3	9.91
6)	L1	Chlordane {5}	5.9	5.9	5.5	6.4	5.5	5.8	E3	6.62
7)	L2	Toxaphene	522.1	516.5	561.8	689.4	668.0	591.5		13.83
8)	L2	Toxaphene {2}	1.6	1.8	2.1	2.1	2.0	1.9	E3	12.48
9)	L2	Toxaphene {3}	1.1	0.9	0.9	1.0	0.9	1.0	E3	10.75
10)	L2	Toxaphene {4}	517.8	383.6	465.1	568.4	568.0	500.6		15.59
11)	L2	Toxaphene {5}	517.8	414.9	527.8	537.8	557.4	511.1		10.91
12)	S	DCB	30.7	30.5	34.5	35.5	29.7	32.2	E3	8.08

Signal #2 Calibration Files
1 =CONFIRM.D 2 =CONFIRM.D 3 =CONFIRM.D
4 =CONFIRM.D 5 =CONFIRM.D

		Compound	1	2	3	4	5	Avg		%RSD
	S	TCMX	157.6	149.6	144.8	143.7	124.5	144.1	E3	8.49
2)	L1	Chlordane	7.9	5.1	4.2	4.2	3.4	5.0	E3	35.33
3)	L1	Chlordane {2}	10.7	8.3	7.1	7.6	7.1	8.2	E3	18.22
4)	L1	Chlordane {3}	12.5	11.9	11.0	12.2	10.2	11.6	E3	8.29
5)	L1	Chlordane {4}	10.9	10.5	9.8	10.7	8.9	10.2	E3	8.10
6)	L1	Chlordane {5}	12.1	12.1	11.1	12.3	10.1	11.5	E3	8.04
7)	L2	Toxaphene	2.5	3.0	3.3	3.7	3.6	3.2	E3	15.52
8)	L2	Toxaphene {2}	1.6	1.8	1.9	2.1	2.2	1.9	E3	13.10
9)	L2	Toxaphene {3}	4.3	4.4	4.5	5.2	5.4	4.8	E3	10.76
10)	L2	Toxaphene {4}	2.9	1.9	2.5	2.5	2.7	2.5	E3	15.31
11)	L2	Toxaphene {5}	771.8	948.6	975.8	1028.2	1167.6	978.4		14.62
12)	S	DCB	76.9	91.6	83.9	82.8	71.5	81.4	E3	9.34

(#) = Out of Range

CLOR-TOX.M Thu Apr 06 13:35:51 2000 DELL

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\000404A\00040419.D Vial: 19
Signal #2 : C:\HPCHEM\6\DATA\000404A\00040419.D\CONFIRM.D
Acq On : 04 Apr 00 06:46 PM Operator: jwh
Sample : Toxaphene L4 1000ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Apr 6 13:34 19100

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

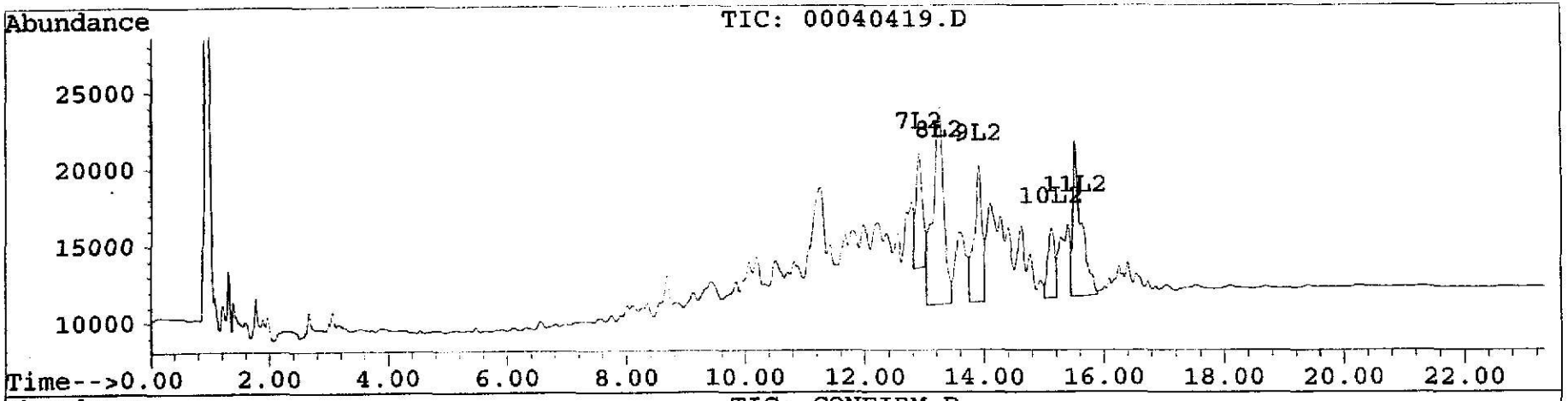
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
System Monitoring Compounds								
1) S	TCMX	0.00	0.00	0	0	N.D.	N.D.	
				Recovery	=	0.00%	0.00%	
2) S	DCB	0.00	0.00	0	0	N.D.	N.D.	
				Recovery	=	0.00%	0.00%	
Target Compounds								
2) L1	Chlordane	0.00	0.00	0	0	N.D.	N.D.	
3) L1	Chlordane {2}	0.00	0.00	0	0	N.D.	N.D.	
4) L1	Chlordane {3}	0.00	0.00	0	0	N.D.	N.D.	
5) L1	Chlordane {4}	0.00	0.00	0	0	N.D.d	N.D.d	
6) L1	Chlordane {5}	0.00	0.00	0	0	N.D.d	N.D.d	
Total	Chlordane			0	0	N.D.	N.D.	
Average	Chlordane					0.000	0.000	
7) L2	Toxaphene	12.91f	12.68f	596004	1972513	1007.564	614.888	#
8) L2	Toxaphene {2}	13.26	13.46	1643469	1914471	859.681	999.360	
9) L2	Toxaphene {3}	13.91	14.15	810025	1299318	832.664	272.120	#
10) L2	Toxaphene {4}	15.12	15.15f	369564	1351590	738.272	547.939	#
11) L2	Toxaphene {5}	15.53	16.12	1003785	1235241	1963.807	1262.498	#
Total	Toxaphene			4422848	7773133	5401.989	3696.806	
Average	Toxaphene					1080.398	739.361	

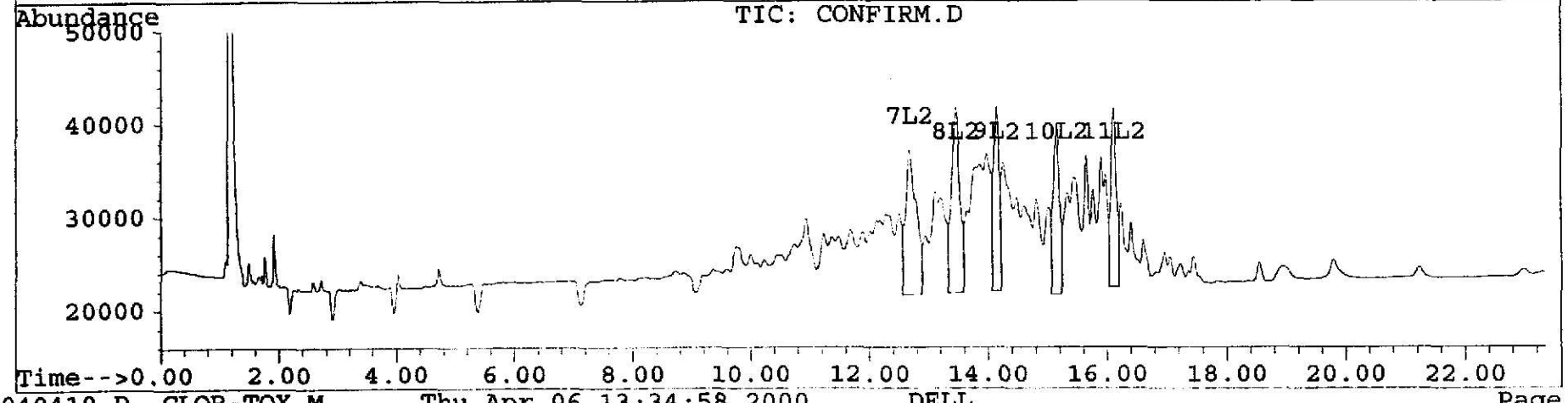
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
00040419.D CLOR-TOX.M Thu Apr 06 13:35:07 2000 DELL

Signal #1 : C:\HPCHEM\6\DATA\000404A\00040419.D Vial: 19
Signal #2 : C:\HPCHEM\6\DATA\000404A\00040419.D\CONFIRM.D
Acq On : 04 Apr 00 06:46 PM Operator: jwh
Sample : Toxaphene L4 1000ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Apr 6 13:34 19100

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Feb 24 13:44:55 2000
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





P.61

Argus Analytical, Inc.

Narrative

Vicksburg Chemical

2000 - First Quarter

Ground Water Monitoring

Date(s) Sampled: 03/30/00

Date(s) Submitted to Laboratory: 03/31/00

Data Package Reported: 04/12/00

Sample Narrative

AA88259-AA88274

Vicksburg Chemical

QA/QC - Matrix spike and Matrix spike duplicate samples from Monitoring Well 1A.

Additional samples were submitted for Monitoring Well 1A in order to assure that all required batch QC was performed on Vicksburg Chemical samples. These additional samples were labeled "M. Spk." and "M. Spk. Dupe".

For organics, the additional samples were used for all the matrix spike (MS) and matrix spike duplicate (MSD) requirements. Data package sections V, S, and P summarize the MS/MSD results for the volatile organics, dinoseb, and toxaphene. Refer to page ".20" within each section for a summary of the MS/MSD results obtained on the samples from MW 1A.

The additional sample was also used for the metals (arsenic) duplicate and spike requirements. These results are summarized in the Inorganic QC section of the data package.

All QA/QC results obtained on MW 1A were within requirements.

Dinoseb.

Although dinoseb was reported as ND (< 0.001 mg/L) in monitoring well 11, dinoseb was detected at a level of approximately 0.0003 mg/L.

Argus Analytical, Inc. April 11, 2000