Rec'd 1-27-00

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date Sampled: 12/09/99

Date Reported: 12/20/99

Argus ANALYTICAL, INC.®

Ridgeland, Mississippi

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Organics QC Summary - Pesticides

Narrative

Sample Cross References

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Sorted by Sample Description

Sample Number & Sample Description Cross Reference

Argus Analytical, Inc.

Sample #	Sample Description		Collection Date	Collection Time
AA83577	MW 1A	W	12/09/99	12:45
AA83578	MW 1A Matrix Spk	W	12/09/99	12:45
AA83579	MW 1A Matrix Spk Dup	W	12/09/99	12:45
AA83580	MW 2	W	12/09/99	14:00
AA83581	MW 4	W	12/09/99	14:15
AA83582	MW 6	W	12/09/99	11:45
AA83583	MW 7	W	12/09/99	11:30
AA83584	MW 8	W	12/09/99	11:00
AA83585	MW 9	W	12/09/99	13:00
AA83586	MW 10	W	12/09/99	12:15
AA83587	MW 11	W	12/09/99	12:00
AA83588	MW 12	W	12/09/99	11:15
AA83589	MW 13	W	12/09/99	13:15
AA83590	MW 14	W	12/09/99	13:30
AA83591	MW 16	W	12/09/99	12:30
AA83576	Trip Blank	W	12/03/99	12:20

Argus Analytical, Inc.

Analytical Reports

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

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: 12/15/99

Date Sampled: 12/03/99
Time Sampled: 12:20
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: Trip Blank

Sample Matrix: WATER

Sample Number: AA83576

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	12/13/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/13/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/13/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/13/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/13/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/13/99

Sample Description: Trip Blank

Sample Number: AA83576

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/13/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/13/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/13/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 1A

Sample Matrix: WATER

Sample Number: AA83577

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	0.104	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/13/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/13/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/13/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/13/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/13/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99

Sample Description: MW 1A

Sample Number: AA83577

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/13/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichloroethene (TCE)	0.012	0.005	mg/L	8260B	MMP	12/13/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/13/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/13/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 1A Matrix Spk

Sample Matrix: WATER

Sample Number: AA83578

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	1.15	13.33	mg/L	206.2	SM	12/13/99
Dinoseb	0.166	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	10.7	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/13/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/13/99
Benzene	0.052	0.005	mg/L	8260B	MMP	12/13/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/13/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Chlorobenzene	0.064	0.005	mg/L	8260B	MMP	12/13/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/13/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/13/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethene	0.058	0.005	mg/L	8260B	MMP	12/13/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99

Sample Description: MW 1A Matrix Spk

Sample Number: AA83578

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/13/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Toluene	0.043	0.005	mg/L	8260B	MMP	12/13/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichloroethene (TCE)	0.068	0.005	mg/L	8260B	MMP	12/13/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/13/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/13/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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 821005
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 1A Matrix Spk Dup

Sample Matrix: WATER

Sample Number: AA83579

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	0.194	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	9.70	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/13/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/13/99
Benzene	0.057	0.005	mg/L	8260B	MMP	12/13/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/13/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Chlorobenzene	0.066	0.005	mg/L	8260B	MMP	12/13/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/13/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/13/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethene	0.053	0.005	mg/L	8260B	MMP	12/13/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99

Sample Description: MW 1A Matrix Spk Dup

Sample Number: AA83579

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/13/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Toluene	0.044	0.005	mg/L	8260B	MMP	12/13/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichloroethene (TCE)	0.069	0.005	mg/L	8260B	MMP	12/13/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/13/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/13/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 14:00
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 2

Sample Matrix: WATER

Sample Number: AA83580

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/13/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/13/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/13/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/13/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/13/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/13/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/13/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/13/99

Sample Description: MW 2

Sample Number: AA83580

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/13/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/13/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/13/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/13/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/13/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/13/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/13/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/13/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/13/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/13/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/13/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/13/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 14:15
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 4

Sample Matrix: WATER

Sample Number: AA83581

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 4

Sample Number: AA83581

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 11:45
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 6

Sample Matrix: WATER

Sample Number: AA83582

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.009	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	2.26	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	22.2	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 6

Sample Number: AA83582

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 7

Sample Matrix: WATER

Sample Number: AA83583

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.025	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	26.7	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 7

Sample Number: AA83583

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 11:00
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 8

Sample Matrix: WATER

Sample Number: AA83584

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.053	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	0.136	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 8

Sample Number: AA83584

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 9

Sample Matrix: WATER

Sample Number: AA83585

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 9

Sample Number: AA83585

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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 821000
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 10

Sample Matrix: WATER

Sample Number: AA83586

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.006	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 10

Sample Number: AA83586

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika EA Wolf

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:00
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 11

Sample Matrix: WATER

Sample Number: AA83587

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	0.010	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	9.42	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 11

Sample Number: AA83587

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	0.022	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Marika E A Wolly
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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 11:15
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 12

Sample Matrix: WATER

Sample Number: AA83588

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.007	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 12

Sample Number: AA83588

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 13:15
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 13

Sample Matrix: WATER

Sample Number: AA83589

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.006	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 13

Sample Number: AA83589

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 13:30
Sampled by: E. Blush

Project ID/Location: *Quarterly Samples*
4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 14

Sample Matrix: WATER

Sample Number: AA83590

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	0.244	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 14

Sample Number: AA83590

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 12/22/99

Date Sampled: 12/09/99
Time Sampled: 12:30
Sampled by: E. Blush

Project ID/Location: Quarterly Samples 4th Qtr 1999

Date Received: 12/10/99

Sample Description: MW 16

Sample Matrix: WATER

Sample Number: AA83591

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	12/13/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	12/16/99
Toxaphene	ND	1	ug/L	8081A	MMP	12/16/99
Appendix I Volatile Organics						
Acetone	4.18	0.010	mg/L	8260B	MMP	12/14/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	12/14/99
Benzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromoform	ND	0.005	mg/L	8260B	MMP	12/14/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	12/14/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloroform	ND	0.005	mg/L	8260B	MMP	12/14/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	12/14/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	12/14/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	12/14/99

Sample Description: MW 16

Sample Number: AA83591

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	12/14/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	12/14/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	12/14/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	12/14/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	12/14/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	12/14/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	12/14/99
Styrene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Toluene	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	12/14/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	12/14/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	12/14/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	12/14/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	12/14/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

Argus Analytical, Inc.

Chain of Custodies

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

* ~~3~~ 2 Different Reports PO.# 99-12245

Wells
2- Outfall 001A (Tox.)
~~3- Stormwater~~

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

I / MI / AI

Argus Cooler # 1

CHAIN-OF-CUSTODY

Client Name: Vix Chem.	Project Name/Location: Quarterly Samples, 4th Qtr 1999	Project Number:
Address:	Sampler (print/signature): Blush, Eric Eric Blush	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		TRIP BLK.	12-3-99	12:20	RG	G	2	VOL. ORGANICS	AA83576
2		MW 1A	12-9-99	1245	EB	G	6	Toxaphene Dinosab As Vol. Org.	AA83577
3		MW 1A Matrix Spk		1245					AA 83578
4		MW 1A Mat. Spk. Dup		1245					AA 83579
5		2 (M.W.)		1400					AA 83580
6		4 (M.W.)		1415					AA 83581
7		5 (M.W.)		omit				omit	
8		6 (M.W.)		1145					AA 83582
9		7 (M.W.)		1130					AA 83583
10		8 (M.W.)		1100					AA 83584

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	12-10-99 1115	Jo McCoo	12/10/99 1115				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

#2 Different Reports — P.O. # 99-129457

1 - Wells
2 - Outfall 001A (Tox.)
~~3 - Stormwater~~

ARGUS ANALYTICAL, INC

235 Highpoint Drive
Ridgeland, MS 39157
Telephone: 601/957-2676 FAX: 601/957-1887

1 / MI / MI

Argus Cooler # 1

CHAIN-OF-CUSTODY

Client Name: Vix. Chem Address:	Project Name/Location: Quarterly Samples, 4th Qtr 1999 Sampler (print/signature): Bush, Eric Eric Bush	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)
11		M.W. 9	12-9-99	1300	[illegible]	G	6	Toxaphene Dinoseb As Volatile Org	AA83585
12		M.W. 10		1215					AA83586
13		M.W. 11		1200					AA83587
14		M.W. 12		1115					AA83588
15		M.W. 13		1315					AA83589
16		M.W. 14		1330					AA83590
17		M.W 16		1230					AA83591
		~~Outfall 001A~~							
~~18~~		~~Outfall 001A~~	~~12-10-99~~	~~0945~~	~~EB~~	~~C~~	~~1~~	~~Toxaphene~~ (reported separately)	~~AA83592~~

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Bush	12-10-99 1115	J. Moore	12-10-99 1115				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

I:\users\public\forms\coc_i05.wk1

Rev 1196

Argus Analytical, Inc.

Holding Time Report
Organics

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Holding Time Summary

Argus Analytical, Inc.

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
AA83576	Volatile Organics (Appendix I of 258)	W	12/03/99	12/13/99	10
AA83577	Volatile Organics (Appendix I of 258)	W	12/09/99	12/13/99	4
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83578	Volatile Organics (Appendix I of 258)	W	12/09/99	12/13/99	4
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83579	Volatile Organics (Appendix I of 258)	W	12/09/99	12/13/99	4
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83580	Volatile Organics (Appendix I of 258)	W	12/09/99	12/13/99	4
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83581	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83582	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83583	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83584	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83585	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83586	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83587	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5

(1) From date of sampling

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83588	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83589	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83590	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7
AA83591	Volatile Organics (Appendix I of 258)	W	12/09/99	12/14/99	5
	Prep - Acid Extractables	w	12/09/99	12/14/99	5
	Dinoseb	W	12/09/99	12/16/99	7
	Prep - Pesticides/PCBs in water	w	12/09/99	12/15/99	6
	Toxaphene	W	12/09/99	12/16/99	7

(1) From date of sampling

Inorganic QC Summary
Metals & Conventionals

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Note: The Inorganic QC is also summarized in the Narrative.

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

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
AA83442					
Arsenic	ND	ND	ND	0	106
AA83587					
Arsenic	ND	ND	ND	0	108

QC Sample Cross Reference - Inorganics

Sample number: **AA83577**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

Sample number: **AA83578**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

Sample number: **AA83579**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

Sample number: **AA83580**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

Sample number: **AA83581**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

Sample number: **AA83582**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83442	AS__G-29604

(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: **AA83583**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83584**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83585**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83586**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83587**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83588**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

(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: **AA83589**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83590**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

Sample number: **AA83591**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA83587	AS__G-29605

(1) Refer to the indicated sample number in the attached QC Data Summary for the actual QC data.

Argus Analytical, Inc.

Organics QC Summary
Volatile Organics

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Volatile Organics - QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Receipt date(s): December 10, 1999

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - % Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	83576	V	110	91	87
AA	83577	V	110	89	101
AA	83578	V	115	90	98
AA	83579	V	112	88	88
AA	83580	V	107	90	91
AA	83581	V	89	93	97
AA	83582	V	111	104	88
AA	83583	V	90	94	87
AA	83584	V	116	98	86
AA	83585	V	105	95	88
AA	83586	V	114	93	90
AA	83587	V	110	91	93
AA	83588	V	118	88	91
AA	83589	V	91	89	87
AA	83590	V	116	88	87
AA	83591	V	114	99	97
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					
AA					

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

V,10

Quantitation Report

Data File : C:\HPCHEM\1\DATA\991213\99121306.D
Acq On : 13 Dec 99 7:43 pm
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Dec 15 10:03 1999

Vial: 6
Operator: jwh
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	10.87	168	781525	50.00 ug/L	0.00
26) 1,4-difluorobenzene	11.82	114	1915792	50.00 ug/L	0.00
43) Chlorobenzene-d5	15.34	82	389606	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	18.26	152	236382	50.00 ug/L	0.00
System Monitoring Compounds					%Recovery
24) dibromofluoromethane	10.79	113	1298986	53.09 ug/L	106.19%
38) toluene-d8	13.64	98	1274818	44.60 ug/L	89.21%
57) 4-bromofluorobenzene	16.75	95	295286	44.98 ug/L	89.96%
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85		Not Detected	
3) chloromethane	0.00	50		Not Detected	
4) vinyl chloride*	0.00	62		Not Detected	
5) bromomethane	0.00	94		Not Detected	
6) chloroethane	0.00	64		Not Detected	
7) trichlorofluoromethane	0.00	101		Not Detected	
8) 1,1-dichloroethene*	0.00	61		Not Detected	
9) Iodomethane	0.00	142		Not Detected	
10) Carbon disulfide	0.00	76		Not Detected	
11) methylene chloride	0.00	84		Not Detected	
12) trans-1,2-dichloroethene	0.00	61		Not Detected	
13) Acetone	0.00	58		Not Detected	
14) Methyl ethyl ketone*	0.00	72		Not Detected	
15) Acrolein	0.00	56		No Calib	
16) Acrylonitrile	0.00	53		No Calib	
17) 1,1-dichloroethane	0.00	63		Not Detected	
18) Vinyl acetate	0.00	43		Not Detected	
19) Hexane	0.00	57		Not Detected	
20) 2,2-dichloropropane	0.00	77		Not Detected	
21) cis-1,2-dichloroethene	0.00	61		Not Detected	
22) bromochloromethane	0.00	128		Not Detected	
23) chloroform*	0.00	83		Not Detected	
25) 1,1,1-trichloroethane	0.00	97		Not Detected	
27) carbon tetrachloride*	0.00	117		Not Detected	
28) 1,1-dichloropropene	0.00	75		Not Detected	
29) benzene*	0.00	78		Not Detected	
30) 1,2-dichloroethane*	0.00	62		Not Detected	
31) trichloroethene*	0.00	95		Not Detected	
32) 1,2-dichloropropane	0.00	63		Not Detected	
33) dibromomethane	0.00	93		Not Detected	
34) bromodichloromethane	0.00	83		Not Detected	
35) 2-Chloroethylvinyl ether	0.00	63		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

V.11

Data File : C:\HPCHEM\1\DATA\991213\99121306.D
Acq On : 13 Dec 99 7:43 pm
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Dec 15 10:03 1999

Vial: 6
Operator: jwh
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
Response via : Multiple Level Calibration

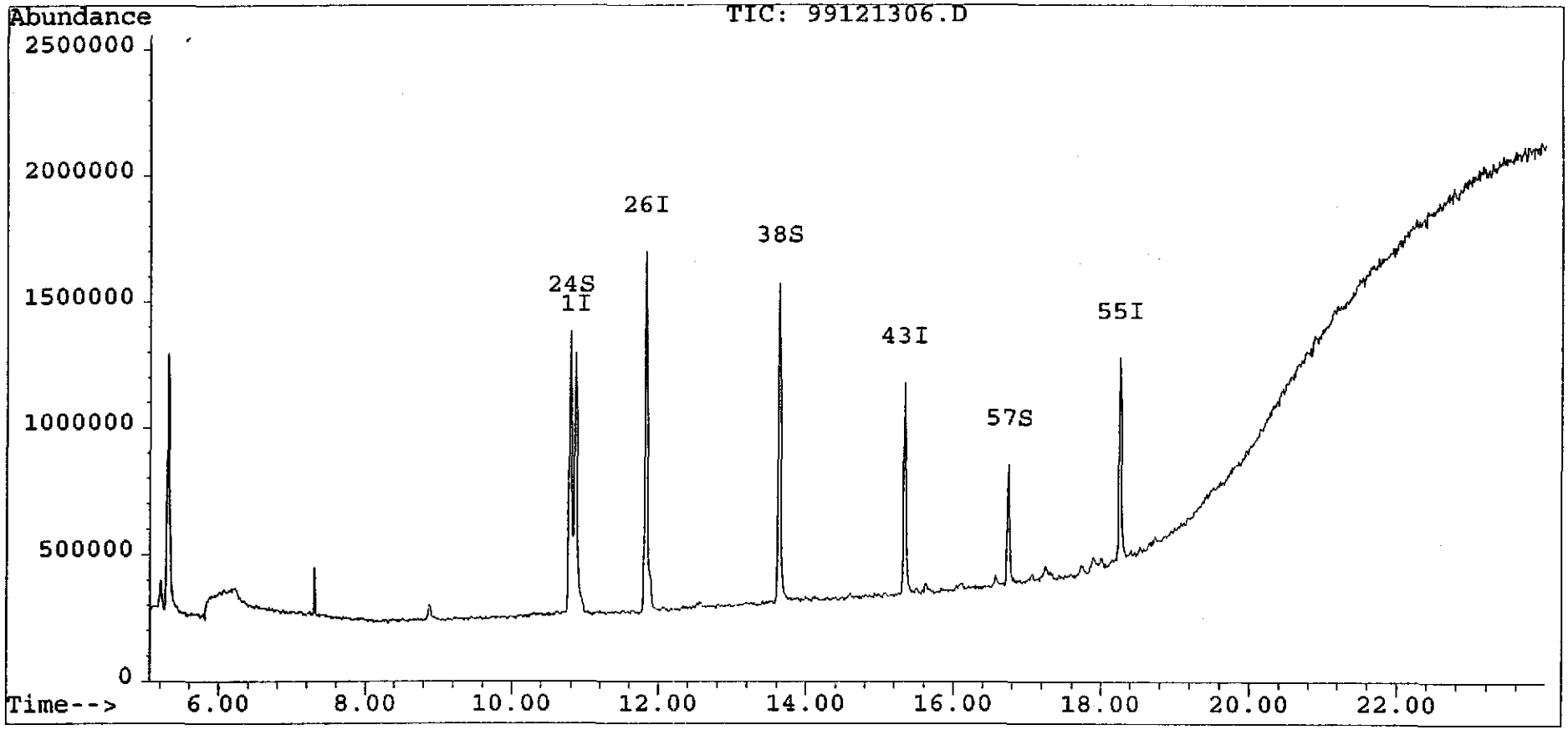
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	cis-1,3-dichloropropene	0.00	75		Not Detected	
37)	4-Methyl-2-pentanone	0.00	43		Not Detected	
39)	toluene	0.00	92		Not Detected	
40)	trans-1,3-dichloropropene	0.00	75		Not Detected	
41)	1,1,2-trichloroethane	0.00	83		Not Detected	
42)	2-Hexanone	0.00	43		Not Detected	
44)	tetrachloroethene*	0.00	166		Not Detected	
45)	1,3-dichloropropane	0.00	76		Not Detected	
46)	dibromochloromethane	0.00	129		Not Detected	
47)	1,2-dibromoethane	0.00	107		Not Detected	
48)	chlorobenzene*	0.00	112		Not Detected	
49)	1,1,1,2-tetrachloroethane	0.00	131		Not Detected	
50)	ethylbenzene	0.00	106		Not Detected	
51)	m,p-xylene	0.00	106		Not Detected	
52)	o-xylene	0.00	106		Not Detected	
53)	styrene	0.00	104		Not Detected	
54)	bromoform	0.00	173		Not Detected	
56)	isopropylbenzene	0.00	120		Not Detected	
58)	bromobenzene	0.00	158		Not Detected	
59)	1,1,2,2-tetrachloroethane	0.00	83		Not Detected	
60)	1,2,3-trichloropropane	0.00	110		Not Detected	
61)	n-propylbenzene	0.00	120		Not Detected	
62)	2-chlorotoluene	0.00	126		Not Detected	
63)	4-chlorotoluene	0.00	126		Not Detected	
64)	1,3,5-trimethylbenzene	0.00	120		Not Detected	
65)	tert-butylbenzene	0.00	119		Not Detected	
66)	1,2,4-trimethylbenzene	0.00	120		Not Detected	
67)	sec-butylbenzene	0.00	105		Not Detected	
68)	1,3-dichlorobenzene	0.00	146		Not Detected	
69)	4-isopropyltoluene	0.00	134		Not Detected	
70)	1,4-dichlorobenzene	0.00	146		Not Detected	
71)	1,2-dichlorobenzene	0.00	146		Not Detected	
72)	n-butylbenzene	0.00	92		Not Detected	
73)	1,2-dibromo-3-chloropropan	0.00	157		Not Detected	
74)	1,2,4-trichlorobenzene	0.00	180		Not Detected	
75)	hexachlorobutadiene	0.00	225		Not Detected	
76)	naphthalene	0.00	128		Not Detected	
77)	1,2,3-trichlorobenzene	0.00	180		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\991213\99121306.D
Acq On : 13 Dec 99 7:43 pm
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Dec 15 10:03 1999

Vial: 6
Operator: jwh
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
Response via : Multiple Level Calibration



V.12

Spike Recovery and RPD Summary Report - WATER V,20

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
Response via : Initial Calibration

Non-Spiked Sample: 99121310.D

	Spike Sample	Spike Duplicate Sample
File ID :	99121311.D	99121312.D
Sample :	AA83578 5mL Water MS	AA83579 5mL Water MSD
Acq Time:	13 Dec 99 10:49 pm	13 Dec 99 11:20 pm

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	58	53	116	107	8	14	61-145
benzene*	0.1	50	52	57	104	113	9	11	76-127
trichloroethene*	12.4	50	68	69	111	114	2	14	71-120
toluene	0.0	50	43	44	86	88	2	13	76-125
chlorobenzene*	1.2	50	64	66	126	130	3	13	75-130

8260-H2O.M Wed Dec 15 10:41:39 1999 VOLATILES

BFB

V.40

Data File : C:\HPCHEM\1\DATA\9912-DAT\991213\991213#1.D Vial: 1
Acq On : 13 Dec 99 4:32 pm Operator: mmp
Sample : BFB Tune Check Inst : 5972 - In
Misc : Tune Check Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFB-VOC.M
Title : BFB Tune Check for Method EPA-8260 QC Criteria

Scan Number 90

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.3	148224	PASS
75	95	30	60	34.9	283392	PASS
95	95	100	100	100.0	810944	PASS
96	95	5	9	7.7	62792	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	79.6	645888	PASS
175	174	5	9	7.4	48008	PASS
176	174	95	101	95.6	617600	PASS
177	176	5	9	6.8	42168	PASS

991213#1.D BFB-VOC.M Tue Dec 13 16:48:37 1999 VOLATILES

Response Factor Report 5972 - In V.50

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
Response via : Initial Calibration

Calibration Files
1 =991213L1.D 2 =991213L2.D 3 =991213L3.D
4 =991213L4.D 5 =991213L5.D H1 =99022506.D

		Compound	1	2	3	4	5	H1	Avg	%RSD
1)	I	pentafluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
2)	T	dichlorodifluoromet	1.508	1.402	1.418	1.273	1.242		1.369	8.00
3)	P	chloromethane	1.366	1.421	1.414	1.377	1.456		1.407	2.57
4)	C	vinyl chloride*	1.625	1.756	1.803	1.626	1.615		1.685	5.21
5)	T	bromomethane	1.181	1.495	1.365	1.316	1.336		1.339	8.42
6)	T	chloroethane	0.894	0.979	0.998	0.895	0.912		0.936	5.29
7)	T	trichlorofluorometh	1.795	1.425	1.446	1.519	1.530		1.543	9.58
8)	CM	1,1-dichloroethene*	1.529	1.373	1.484	1.358	1.326		1.414	6.19
9)	T	Iodomethane	0.028	0.025	0.026	0.023	0.022		0.025	9.66
10)	T	Carbon disulfide	0.577	0.612	0.658	0.610	0.608		0.613	4.71
11)	T	methylene chloride	2.360	2.163	1.989	1.998	1.892		2.080	8.86
12)	T	trans-1,2-dichloroe	1.580	1.296	1.436	1.301	1.265		1.375	9.61
13)	T	Acetone	0.062	0.055	0.052	0.050	0.048		0.054	9.92
14)	T	Methyl ethyl ketone	0.113	0.091	0.109	0.096	0.099		0.102	8.99
15)	T	Acrolein							0.000#	-1.00
16)	T	Acrylonitrile							0.000#	-1.00
17)	P	1,1-dichloroethane	1.873	1.577	1.719	1.563	1.474		1.641	9.53
18)	T	Vinyl acetate	0.319	0.279	0.296	0.267	0.272		0.286	7.32
[illegible]	T	Hexane						0.741	0.712	5.76
[illegible])	T	2,2-dichloropropane	0.616	0.668	0.706	0.648	0.648		0.657	4.99
21)	T	cis-1,2-dichloroeth	1.555	1.370	1.485	1.359	1.296		1.413	7.42
22)	T	bromochloromethane	0.840	0.788	0.783	0.680	0.679		0.754	9.53
23)	C	chloroform*	1.926	1.574	1.674	1.522	1.578		1.655	9.73
24)	S	dibromofluoromethan	1.517	1.668	1.651	1.524	1.467		1.565	5.69
25)	T	1,1,1-trichloroetha	0.756	0.645	0.712	0.685	0.677		0.695	5.98
26)	I	1,4-difluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
27)	T	carbon tetrachlorid	0.240	0.237	0.240	0.237	0.202		0.231	7.03
28)	T	1,1-dichloropropene	0.315	0.279	0.323	0.332	0.286		0.307	7.57
29)	M	benzene*	1.015	0.918	0.893	0.904	0.871		0.920	6.08
30)	T	1,2-dichloroethane*	0.296	0.352	0.358	0.354	0.353		0.343	7.64
31)	M	trichloroethene*	0.300	0.247	0.277	0.282	0.256		0.272	7.68
32)	C	1,2-dichloropropane	0.242	0.206	0.227	0.223	0.214		0.222	6.01
33)	T	dibromomethane	0.270	0.323	0.307	0.308	0.308		0.303	6.44
34)	T	bromodichloromethan	0.334	0.337	0.375	0.355	0.342		0.348	4.82
35)	T	2-Chloroethylvinyl	0.000			0.355	0.342		0.000#	0.00
36)	T	cis-1,3-dichloropro	0.328	0.336	0.395	0.387	0.379		0.365	8.51
37)	T	4-Methyl-2-pentanon	0.255	0.225	0.261	0.222	0.262		0.245	8.06
38)	S	toluene-d8	0.768	0.799	0.695	0.696	0.772		0.746	6.39
39)	M	toluene	0.404	0.408	0.382	0.365	0.347		0.381	6.82
40)	T	trans-1,3-dichlorop	0.239	0.269	0.294	0.293	0.298		0.278	8.99
41)	T	1,1,2-trichloroetha	0.204	0.166	0.193	0.188	0.188		0.188	7.26
42)	T	2-Hexanone	0.169	0.169	0.168	0.170	0.159		0.167	2.62
[illegible])	I	Chlorobenzene-d5	----------	----------	----------	ISTD	----------	----------	----------	
44)	T	tetrachloroethene*	0.412	0.433	0.400	0.471	0.412		0.426	6.58
45)	T	1,3-dichloropropane	1.125	1.074	1.001	1.078	1.064		1.068	4.18
46)	T	dibromochloromethan	0.896	0.777	0.716	0.768	0.735		0.778	9.05
47)	T	1,2-dibromoethane	0.788	0.770	0.753	0.773	0.780		0.773	1.73

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48)	M	chlorobenzene*	0.962	0.917	1.025	1.059	0.980	0.989	5.57
49)	T	1,1,1,2-tetrachloro	0.486	0.500	0.461	0.439	0.418	0.461	7.28
50)	C	ethylbenzene	0.486	0.383	0.407	0.398	0.424	0.420	9.57
51)	T	m,p-xylene	0.456	0.433	0.426	0.428	0.459	0.440	3.58
52)	T	o-xylene	0.487	0.435	0.426	0.446	0.487	0.456	6.38
53)	T	styrene	0.616	0.564	0.635	0.585	0.636	0.607	5.27
	P	bromoform	0.290	0.311	0.320	0.333	0.343	0.319	6.45
55)	I	1,4-dichlorobenzene-d	----------	----------	----------	ISTD	----------	----------	
56)	T	isopropylbenzene	0.517	0.515	0.474	0.443	0.411	0.472	9.77
57)	S	4-bromofluorobenzen	1.326	1.491	1.380	1.276	1.470	1.389	6.62
58)	T	bromobenzene	0.833	0.721	0.708	0.694	0.665	0.724	8.88
59)	P	1,1,2,2-tetrachloro	1.642	1.372	1.536	1.470	1.446	1.493	6.83
60)	T	1,2,3-trichloroprop	0.357	0.297	0.303	0.326	0.326	0.322	7.32
61)	T	n-propylbenzene	0.498	0.496	0.429	0.417	0.415	0.451	9.43
62)	T	2-chlorotoluene	0.614	0.508	0.530	0.513	0.537	0.540	7.94
63)	T	4-chlorotoluene	0.511	0.480	0.482	0.458	0.473	0.481	4.01
64)	T	1,3,5-trimethylbenz	1.360	1.430	1.365	1.315	1.294	1.353	3.88
65)	T	tert-butylbenzene	2.027	2.073	2.031	1.754	1.716	1.920	8.87
66)	T	1,2,4-trimethylbenz	1.533	1.711	1.556	1.568	1.456	1.565	5.92
67)	T	sec-butylbenzene	1.488	1.632	1.417	1.558	1.382	1.495	6.82
68)	T	1,3-dichlorobenzene	0.818	0.703	0.761	0.751	0.751	0.757	5.41
69)	T	4-isopropyltoluene	0.472	0.434	0.459	0.418	0.378	0.432	8.54
70)	T	1,4-dichlorobenzene	0.969	0.829	0.839	0.852	0.790	0.856	7.89
71)	T	1,2-dichlorobenzene	1.005	0.804	0.838	0.802	0.835	0.857	9.87
72)	T	n-butylbenzene	1.017	1.014	1.003	0.849	0.843	0.945	9.59
73)	T	1,2-dibromo-3-chlor	0.173	0.158	0.150	0.151	0.145	0.155	6.94
74)	T	1,2,4-trichlorobenz	0.667	0.791	0.754	0.757	0.679	0.730	7.40
75)	T	hexachlorobutadiene	0.162	0.150	0.136	0.137	0.127	0.142	9.75
76)	T	naphthalene	2.019	2.107	2.493	2.293	2.477	2.278	9.39
77)	T	1,2,3-trichlorobenz	0.357	0.452	0.394	0.438	0.421	0.412	9.16

= Out of Range ### Number of calibration levels exceeded format ###

8260-H2O.M Wed Dec 15 09:10:05 1999 VOLATILES

V, 60

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\991213\991213L2.D Vial: 2
Acq On : 13 Dec 99 5:38 pm Operator: jwh
Sample : 8260 Cal Std L2 50ppb Inst : 5972 - In
Misc : 8260 Calibration Std Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Dec 15 09:09:39 1999
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	84	0.00
2	T	dichlorodifluoromethane	1.369	1.683	-22.9#	100	-0.01
3	P	chloromethane	1.407	1.703	-21.0#	100	0.00
4	C	vinyl chloride*	1.685	1.925	-14.2	92	0.00
5	T	bromomethane	1.339	1.795	-34.1#	100	0.00
6	T	chloroethane	0.936	1.132	-21.0#	97	-0.01
7	T	trichlorofluoromethane	1.543	1.314	14.9	77	0.00
8	CM	1,1-dichloroethene*	1.414	1.434	-1.4	87	0.00
9	T	Iodomethane	0.025	0.002#	92.7#	6#	0.06
10	T	Carbon disulfide	0.613	0.554	9.7	76	0.01
11	T	methylene chloride	2.080	2.066	0.7	80	0.00
12	T	trans-1,2-dichloroethene	1.375	1.273	7.5	82	0.01
13	T	Acetone	0.054	0.002#	96.8#	3#	0.01
14	T	Methyl ethyl ketone*	0.102	0.032	69.0#	29#	0.00
15	T	Acrolein	0.000	0.000#	0.0	119	0.01
[illegible]	T	Acrylonitrile	0.000	0.000#	0.0	100	0.01
[illegible]	P	1,1-dichloroethane	1.641	1.550	5.6	82	0.00
18	T	Vinyl acetate	0.286	0.213	25.5#	64	-0.01
19	T	Hexane	0.712	0.000#	100.0#	63	0.00
20	T	2,2-dichloropropane	0.657	0.649	1.3	81	0.00
21	T	cis-1,2-dichloroethene	1.413	1.221	13.6	75	0.00
22	T	bromochloromethane	0.754	0.943	-25.0#	100	0.01
23	C	chloroform*	1.655	1.874	-13.2	99	0.00
24	S	dibromofluoromethane	1.565	1.739	-11.1	87	0.00
25	T	1,1,1-trichloroethane	0.695	0.772	-11.0	100	0.00
26	I	1,4-difluorobenzene	1.000	1.000	0.0	86	0.00
27	T	carbon tetrachloride*	0.231	0.276	-19.3	100	0.00
28	T	1,1-dichloropropene	0.307	0.325	-5.8	100	0.00
29	M	benzene*	0.920	0.879	4.5	82	0.00
30	T	1,2-dichloroethane*	0.343	0.410	-19.8	100	0.00
31	M	trichloroethene*	0.272	0.288	-5.8	100	0.00
32	C	1,2-dichloropropane	0.222	0.240	-8.1	100	0.00
33	T	dibromomethane	0.303	0.376	-24.0#	100	0.00
34	T	bromodichloromethane	0.348	0.392	-12.6	100	0.00
35	T	2-Chloroethylvinyl ether	0.000	0.000#	100.0#	0#	-12.67#
36	T	cis-1,3-dichloropropene	0.365	0.391	-7.1	100	0.00
37	T	4-Methyl-2-pentanone	0.245	0.197	19.7	75	0.00
38	S	toluene-d8	0.746	0.683	8.4	73	0.00
39	M	toluene	0.381	0.294	22.8#	62	0.00
[illegible]	T	trans-1,3-dichloropropene	0.278	0.272	2.2	87	0.00
[illegible]	T	1,1,2-trichloroethane	0.188	0.194	-3.1	100	0.00
42	T	2-Hexanone	0.167	0.083	50.1#	42#	0.00
43	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
44	T	tetrachloroethene*	0.426	0.599	-40.6#	100	0.00

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45	T	1,3-dichloropropane	1.068	1.483	-38.9#	100	0.00
46	T	dibromochloromethane	0.778	1.080	-38.7#	101	0.00
47	T	1,2-dibromoethane	0.773	1.064	-37.7#	100	0.00
48	M	chlorobenzene*	0.989	1.268	-28.2#	100	0.00
49	T	1,1,1,2-tetrachloroethane	0.461	0.691	-50.0#	100	0.00
50	C	ethylbenzene	0.420	0.497	-18.3	94	0.00
[illegible]	T	m,p-xylene	0.440	0.574	-30.3#	96	0.00
[illegible]	T	o-xylene	0.456	0.601	-31.7#	100	0.00
53	T	styrene	0.607	0.780	-28.5#	100	0.00
54	P	bromoform	0.319	0.430	-34.7#	100	0.00
55	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
56	T	isopropylbenzene	0.472	0.659	-39.7#	105	0.00
57	S	4-bromofluorobenzene	1.389	1.199	13.7	66	0.00
58	T	bromobenzene	0.724	0.539	25.5#	61	0.00
59	P	1,1,2,2-tetrachloroethane	1.493	1.653	-10.7	99	0.00
60	T	1,2,3-trichloropropane	0.322	0.339	-5.4	94	0.00
61	T	n-propylbenzene	0.451	0.604	-33.9#	100	0.00
62	T	2-chlorotoluene	0.540	0.515	4.8	83	0.00
63	T	4-chlorotoluene	0.481	0.525	-9.1	90	0.00
64	T	1,3,5-trimethylbenzene	1.353	1.962	-45.1#	113	0.00
65	T	tert-butylbenzene	1.920	2.663	-38.7#	105	0.00
66	T	1,2,4-trimethylbenzene	1.565	2.163	-38.2#	104	0.00
67	T	sec-butylbenzene	1.495	2.167	-44.9#	109	0.00
68	T	1,3-dichlorobenzene	0.757	0.858	-13.3	100	0.00
69	T	4-isopropyltoluene	0.432	0.634	-46.5#	120	0.00
70	T	1,4-dichlorobenzene	0.856	0.965	-12.7	95	0.00
71	T	1,2-dichlorobenzene	0.857	0.973	-13.6	99	0.00
72	T	n-butylbenzene	0.945	1.443	-52.7#	117	0.00
73	T	1,2-dibromo-3-chloropropane	0.155	0.193	-24.3#	100	0.00
74	T	1,2,4-trichlorobenzene	0.730	1.103	-51.1#	114	0.00
75	T	hexachlorobutadiene	0.142	0.232	-63.2#	127	0.00
[illegible]	T	naphthalene	2.278	4.640	-103.7#	181	0.00
77	T	1,2,3-trichlorobenzene	0.412	0.827	-100.5#	150	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

991213L2.D 8260-H2O.M Wed Dec 15 10:12:06 1999 VOLATILES

Argus Analytical, Inc.

Organics QC Summary
Semivolatile Organics

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Semivolatile Organics - QC Data Package Summary
Dinoseb only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): December 10, 1999

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 83577	SV	29	14	50	52	63	47
AA 83578	SV	31	14	51	49	58	38
AA 83579	SV	31	14	45	52	86	96
AA 83580	SV	31	15	49	46	48	76
AA 83581	SV	28	12	58	52	45	70
AA 83582	SV	25	12	43	46	39	48
AA 83583	SV	33	16	52	51	74	60
AA 83584	SV	41	22	55	56	67	78
AA 83585	SV	21	12	37	43	59	90
AA 83586	SV	23	11	42	46	67	84
AA 83587	SV	27	14	41	45	65	66
AA 83588	SV	25	13	37	43	61	90
AA 83589	SV	30	16	46	51	32	83
AA 83590	SV	35	18	55	59	84	78
AA 83591	SV	22	19	44	62	98	83

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

Quantitation Report (QT Reviewed) SV. 10

Data File : D:\HPCHEM\1\DATA\991216\BLK.D
Acq On : 16 Dec 1999 1:56 pm
Sample : blank
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 17 13:40 1999

Vial: 26
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: 8270-028.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration
DataAcq Meth : 8270-028

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	4.95	152	220222	40.00	ng	-0.06
19) Naphthalene-d8	6.19	136	726760	40.00	ng	-0.14
39) Acenaphthene-d10	7.92	164	369029	40.00	ng	0.00
66) Phenanthrene-d10	9.35	188	632069	40.00	ng	0.01
84) Chrysene-d12	11.95	240	366932	40.00	ng	0.01
92) Perylene-d12	13.85	264	226831	40.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	3.86	112	1101067	77.68	ppb	0.00
Spiked Amount 200.000	Range 21 - 100		Recovery = 38.84%			
7) Phenol-d5	4.78	99	1287355	59.96	ppb	-0.05
Spiked Amount 200.000	Range 10 - 94		Recovery = 29.98%			
21) Nitrobenzene-d5	5.52	82	841401	38.84	ppb	-0.07
Spiked Amount 100.000	Range 35 - 114		Recovery = 38.84%			
44) 2-Fluorobiphenyl	7.27	172	1452092	42.56	ppb	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 42.56%#			
72) 2,4,6-Tribromophenol	8.71	330	645983	89.63	ppb	0.01
Spiked Amount 200.000	Range 10 - 123		Recovery = 44.81%			
85) p-Terphenyl-d14	10.92	244	2943035	98.46	ppb	0.01
Spiked Amount 100.000	Range 33 - 141		Recovery = 98.46%			

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	4.79	94	408	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	0.00	146	0	N.D.
11) 1,4-Dichlorobenzene	0.00	146	0	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	5.26	45	333	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	5.48	77	420	N.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) SV. 11

Data File : D:\HPCHEM\1\DATA\991216\BLK.D
Acq On : 16 Dec 1999 1:56 pm
Sample : blank
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 17 13:40 1999

Vial: 26
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8270-028.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration
DataAcq Meth : 8270-028

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	2,4-Dimethylphenol	0.00	122	0	N.D.	
27)	bis (2-Chloroethoxy)methane	5.83	93	321	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	6.15	128	352	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	7.35	65	838	N.D.	
48)	Acenaphthylene	7.74	152	340	N.D.	
49)	Dimethylphthalate	0.00	163	0	N.D.	
50)	2,4-Dinitrotoluene	0.00	165	0	N.D.	d
51)	3-Nitroaniline	0.00	138	0	N.D.	
52)	Acenaphthene	7.93	154	738	N.D.	
53)	2,4-Dinitrophenol	0.00	184	0	N.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	0.00	143	0	N.D.	
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	8.40	149	4597	N.D.	
64)	Azobenzene	8.63	77	1283	N.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) SV.12

Data File : D:\HPCHEM\1\DATA\991216\BLK.D
Acq On : 17 Dec 1999 1:56 pm
Sample : blank
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 17 13:40 1999

Vial: 26
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8270-028.RES

Quant Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration
DataAcq Meth : 8270-028

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
70)	1,2-Diphenylhydrazine	8.59	77	354	N.D.		
71)	p-Phenylenediamine	8.70	108	368	N.D.		
73)	4-Bromophenyl phenyl ether	0.00	248	0	N.D. 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	0.00	178	0	N.D.		
80)	Anthracene	0.00	178	0	N.D.		
81)	Di-n-butyl phthalate	9.98	149	56866	0.81 ppb	#	95
82)	Fluoranthene	10.52	202	4151	N.D.		
83)	Pyrene	10.74	202	7603	0.17 ppb	#	80
86)	p-Dimethylaminoazobenzene	0.00	225	0	N.D.		
87)	Butyl benzyl phthalate	11.43	149	10957	0.52 ppb	#	74
88)	Benzo[a]anthracene	0.00	228	0	N.D. d		
89)	Chrysene	0.00	228	0	N.D. d		
90)	bis(2-Ethylhexyl) phthalat	12.04	149	18248	0.63 ppb	#	90
91)	Di-n-octyl phthalate	0.00	149	0	N.D. d		
93)	Benzo[b]fluoranthene	0.00	252	0	N.D. d		
94)	Benzo[k]fluoranthene	0.00	252	0	N.D. d		
95)	7,12-Dimethylbenz[a]anthra	0.00	126	0	N.D. d		
96)	Benzo[a]pyrene	0.00	252	0	N.D. d		
97)	3-Methylcholanthrene	0.00	268	0	N.D.		
98)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D. d		
99)	Dibenz(a,h)anthracene	16.19	278	407	N.D.		
100)	Benzo(g,h,i)perylene	0.00	276	0	N.D. d		

(#) = qualifier out of range (m) = manual integration

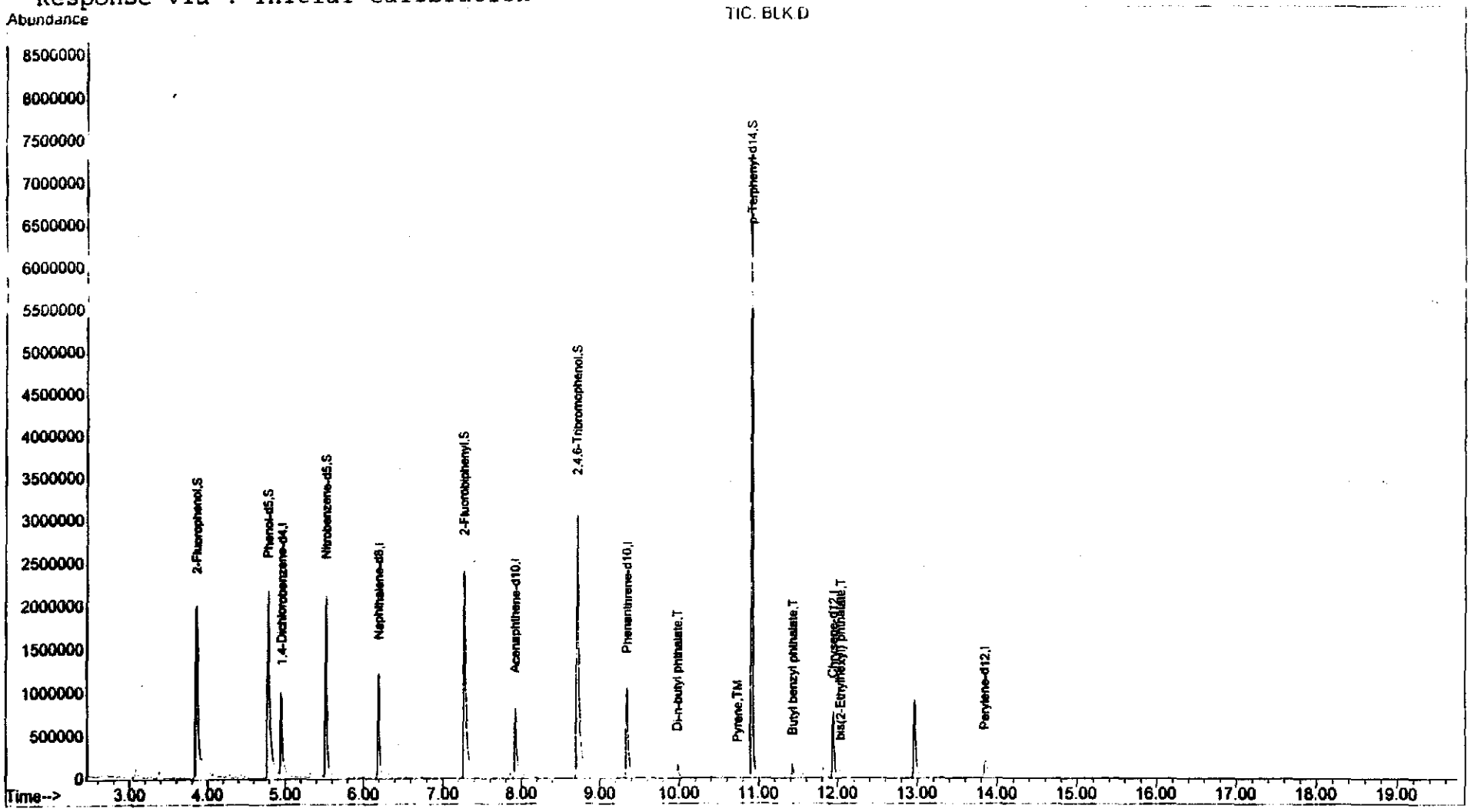
Quantitation Report

Data File : D:\HPCHEM\1\DATA\991216\BLK.D
Acq On : 16 Dec 1999 1:56 pm
Sample : blank
Misc :
MS Integration Params: rteint.p
Quant Time: Dec 17 13:17 1999

Vial: 26
Operator: rlt
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: 8270 028.RES

Method : D:\HPCHEM\1\METHODS\8270 028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration



SV,13

Spike Recovery and RPD Summary Report - WATER

SV.20

Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Wed Dec 15 08:44:43 1999
Response via : Initial Calibration

Non-Spiked Sample: BLK.D

	Spike Sample	Spike Duplicate Sample
File ID :	MS.D	MSD.D
Sample :	ms	msd
Acq Time:	16 Dec 1999 2:23 pm	16 Dec 1999 2:50 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	82	97	41	48	16	42	12-110
2-Chlorophenol	0.0	200	127	143	64	71	11	40	27-123
1,4-Dichlorobenzene	0.0	100	47	51	47	51	8	28	36- 97
N-Nitrosodipropylami	0.0	100	52	46	52	46	13	38	41-116
1,2,4-Trichlorobenze	0.0	100	60	68	60	68	13	28	39- 98
4-Chloro-3-methylphe	0.0	200	82	101	41	50	20	42	23- 97
2,4-Dinitrotoluene	0.0	100	66	65	66	65	2	38	24- 96
Acenaphthene	0.0	100	50	57	50	57	12	31	46-118
4-Nitrophenol	0.0	200	120	121	60	60	1	50	10- 80
Pentachlorophenol	0.0	200	154	166	77	83	8	50	9-103
Pyrene	0.0	100	69	73	69	73	5	31	26-127

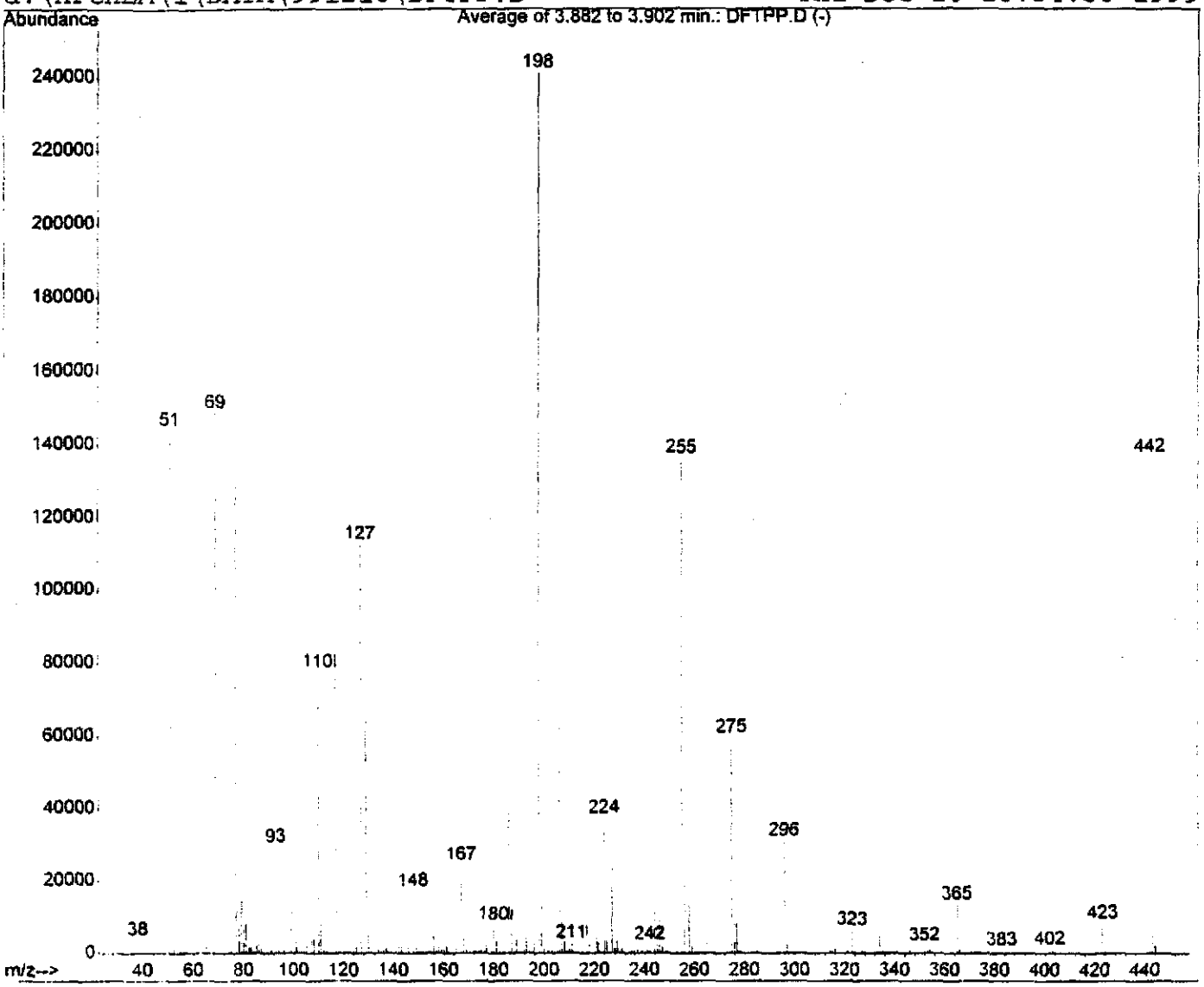
- Fails Limit Check

8270-028.M Thu Dec 16 15:14:12 1999

DFTPP 625 Results

SV.40

d:\HPCHEM\1\DATA\991216\DFTPP.D Thu Dec 16 10:54:38 1999



Peak Apex is scan: 132
Average of 3 scans: 131,132,133 minus background scan 126

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	59.7	PASS
68	69	0	2	0.0	PASS
69	198	0	100	61.6	PASS
70	69	0	2	0.2	PASS
127	198	40	60	46.7	PASS
197	198	0	1	0.0	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.7	PASS
275	198	10	30	24.7	PASS
365	198	1	100	5.5	PASS
441	443	0	100	10.6	PASS
442	198	40	100	56.6	PASS
443	442	17	23	19.4	PASS

SV.50

Response Factor Report 5972 - In

initial calibration

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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
1)	I	1,4-Dichlorobenzene-d	ISTD						
2)	T	n-Nitrosodimethylamin	1.278	1.075	1.223	1.291	1.272	1.228	7.29
3)	T	Pyridine	1.507	1.319	1.388	1.495	1.455	1.433	5.50
4)	S	2-Fluorophenol	2.695	2.412	2.476	2.618	2.672	2.575	4.83
5)	T	Aniline	3.545	3.351	3.946	4.154	3.971	3.793	8.77
6)	CMT	Phenol	3.922	4.031	4.484	4.902	4.750	4.418	9.77
7)	S	Phenol-d5	3.449	3.460	3.913	4.297	4.379	3.899	11.35
8)	T	bis(2-Chloroethyl)eth	3.367	3.341	3.283	3.306	3.437	3.347	1.79
9)	MT	2-Chlorophenol	2.797	2.553	2.686	2.794	2.863	2.739	4.44
10)	T	1,3-Dichlorobenzene	2.961	3.682	2.920	3.072	3.054	3.138	9.90
11)	CMT	1,4-Dichlorobenzene	2.961	3.682	3.911	4.012	4.008	3.715	11.90
12)	T	1,2-Dichlorobenzene	3.221	3.055	3.397	3.804	3.958	3.487	11.00
13)	T	Benzyl alcohol	1.650	1.600	1.780	2.030	2.035	1.819	11.31
14)	T	o-Cresol	2.370	2.232	2.424	2.598	2.677	2.460	7.26
15)	T	bis(2-Chloroisopropyl	5.361	4.978	5.321	5.451	5.549	5.332	4.06
16)	T	Hexachloroethane	1.923	1.788	1.973	2.105	2.178	1.994	7.70
17)	T	p-Cresol	3.192	3.159	3.568	3.753	3.827	3.500	8.89
18)	MPT	N-Nitrosodipropylamin	2.896	2.664	2.971	3.101	3.038	2.934	5.76
19)	I	Naphthalene-d8	ISTD						
20)		N-Nitroso-morpholine	0.080	0.073	0.080	0.086	0.086	0.081	6.87
21)	S	Nitrobenzene-d5	1.201	1.154	1.161	1.227	1.218	1.192	2.77
22)	T	Nitrobenzene	1.240	1.166	1.235	1.291	1.309	1.248	4.48
23)	T	N-Nitrosopiperidine						0.000#	-1.00
24)	T	Isophorone	2.013	1.940	1.940	1.993	1.929	1.963	1.91
25)	CT	2-Nitrophenol	0.548	0.441	0.470	0.518	0.525	0.500	8.79
26)	T	2,4-Dimethylphenol	0.671	0.693	0.764	0.842	0.858	0.766	11.08
27)	T	bis(2-Chloroethoxy)me	1.016	1.019	1.089	1.159	1.199	1.097	7.47
28)	CT	2,4-Dichlorophenol	0.631	0.674	0.784	0.862	0.901	0.770	15.13
29)	T	Benzoic acid	0.374	0.325	0.327	0.388	0.458	0.374	14.55
30)	MT	1,2,4-Trichlorobenzen	0.770	0.779	0.846	0.934	0.975	0.861	10.65
31)	T	Naphthalene	2.371	2.425	2.704	2.892	2.949	2.668	9.88
32)	T	2,6-Dichlorophenol	0.634	0.674	0.784	0.862	0.901	0.771	14.99
33)	T	4-Chloroaniline	0.649	0.616	0.741	0.879	0.916	0.760	17.65
34)	CT	Hexachlorobutadiene	0.626	0.653	0.709	0.769	0.787	0.709	9.94
35)	T	N-Nitrosodi-n-butylam						0.000#	-1.00
36)	CMT	4-Chloro-3-methylphen	0.800	0.792	0.845	0.915	0.935	0.857	7.61
37)		1-Methylnaphthalene	1.494	1.550	1.744	1.897	1.907	1.719	11.15
38)	T	2-Methylnaphthalene	1.501	1.550	1.744	1.897	1.907	1.720	11.02
39)	I	Acenaphthene-d10	ISTD						
40)	T	1,2,4,5-Tetrachlorobe						0.000#	-1.00
41)	PT	Hexachlorocyclopentad	0.992	1.078	1.219	1.284	1.218	1.158	10.31

(#) = Out of Range

Response Factor Report 5972 - In SV. 51

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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	0.783	0.853	0.983	1.155	1.191	0.993	18.11
43)	T	2,4,5-Trichlorophenol	0.943	0.938	1.084	1.207	1.299	1.094	14.59
44)	S	2-Fluorobiphenyl	3.066	3.287	3.705	4.183	4.252	3.699	14.25
45)	T	1-Chloronaphthalene	2.536	2.684	3.067	3.408	3.484	3.036	13.91
46)	T	2-Chloronaphthalene	2.536	2.684	3.067	3.408	3.484	3.036	13.91
47)	T	2-Nitroaniline	1.198	1.134	1.160	1.232	1.225	1.190	3.55
48)	T	Acenaphthylene	4.135	4.269	4.857	5.243	5.746	4.850	13.85
49)	T	Dimethyl phthalate	3.418	3.449	3.743	4.034	4.261	3.781	9.69
50)	MT	2,4-Dinitrotoluene	0.973	0.993	1.054	1.144	1.135	1.060	7.43
51)	T	3-Nitroaniline	0.634	0.628	0.692	0.792	0.766	0.702	10.66
52)	CMT	Acenaphthene	2.396	2.591	3.127	3.419	3.710	3.048	18.08
53)	PT	2,4-Dinitrophenol	0.308	0.348	0.392	0.427	0.407	0.377	12.78
54)	T	Dibenzofuran	3.530	3.728	4.192	4.653	4.705	4.161	12.75
55)	T	Pentachlorobenzene						0.000#	-1.00
56)	MPT	4-Nitrophenol	0.131	0.132	0.136	0.158	0.165	0.145	10.86
57)	T	1-Naphthylamine						0.000#	-1.00
58)	T	2,6-Dinitrotoluene	0.739	0.764	0.814	0.869	0.884	0.814	7.77
59)	T	2-Naphthylamine						0.000#	-1.00
60)	T	2,3,4,6-Tetrachloroph						0.000#	-1.00
61)	T	Fluorene	3.125	3.504	3.949	4.186	4.340	3.821	13.11
62)	T	4-Chlorophenyl phenyl	1.433	1.688	1.899	1.790	1.920	1.746	11.35
63)	T	Diethyl phthalate	4.308	4.695	5.214	5.595	5.946	5.152	12.84
64)		Azobenzene	4.952	4.944	5.244	5.907	6.026	5.414	9.60
65)	T	4-Nitroaniline	0.504	0.391	0.368	0.311	0.373	0.389	18.14
66)	I	Phenanthrene-d10	----------ISTD----------						
67)	T	4,6-Dinitro-2-methylp	0.337	0.363	0.410	0.473	0.538	0.424	19.29
68)	CT	Diphenylamine	1.267	1.274	1.497	1.734	1.912	1.537	18.50
69)	T	N-Nitrosodiphenylamin	1.267	1.274	1.497	1.734	1.912	1.537	18.50
70)	T	1,2-Diphenylhydrazine	3.199	3.145	3.425	3.755	3.857	3.476	9.23
71)		p-Phenylenediamine	0.562	0.418	0.373	0.383	0.420	0.431	17.60
72)	S	2,4,6-Tribromophenol	0.368	0.441	0.479	0.495	0.497	0.456	11.90
73)	T	4-Bromophenyl phenyl	0.509	0.538	0.641	0.685	0.733	0.621	15.37
74)		1,3,5-Trinitrobenzene						0.000#	-1.00
75)	T	Hexachlorobenzene	0.755	0.790	0.915	1.017	1.056	0.906	14.72
76)	T	4-Aminobiphenyl				0.002		0.002#	0.00
77)	CMT	Pentachlorophenol	0.554	0.598	0.658	0.818	0.900	0.706	20.93
78)	T	Pentachloronitrobenze						0.000#	-1.00
79)	T	Phenanthrene	2.529	2.661	3.005	3.299	3.419	2.983	12.98
80)	T	Anthracene	2.547	2.643	3.067	3.343	3.429	3.006	13.30
81)	T	Di-n-butyl phthalate	4.096	4.166	4.521	4.714	4.760	4.451	6.89
82)	CT	Fluoranthene	2.640	2.667	2.754	3.204	3.336	2.920	11.14
83)	TM	Pyrene	2.596	2.591	2.635	3.076	3.208	2.821	10.53
84)	I	Chrysene-d12	----------ISTD----------						

(#) = Out of Range

Response Factor Report 5972 - In

SV. 52

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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	2.749	3.024	3.557	3.367	3.594	3.259	11.15
86)	T	p-Dimethylaminoazoben						0.000#	-1.00
87)	T	Butyl benzyl phthalat	2.126	2.229	2.406	2.264	2.357	2.276	4.82
88)	T	Benzo(a)anthracene	2.636	2.609	2.683	2.807	2.899	2.727	4.50
89)	T	Chrysene	2.540	2.600	2.729	3.120	3.244	2.847	11.13
90)	T	bis(2-Ethylhexyl) pht	2.844	3.042	3.308	3.180	3.369	3.148	6.71
91)	CT	Di-n-octyl phthalate	4.220	4.393	4.441	4.580	4.730	4.473	4.32
92)	I	Perylene-d12	----------ISTD----------						
93)	T	Benzo(b)fluoranthene	2.903	2.873	3.011	3.484	3.992	3.253	14.78
94)	T	Benzo(k)fluoranthene	2.814	2.798	2.917	2.995	2.885	2.882	2.77
95)		7,12-dimethylbenz[a]a	0.236	0.242	0.256	0.287	0.307	0.266	11.39
96)	CT	Benzo(a)pyrene	2.443	2.420	2.539	2.805	2.867	2.615	7.96
97)	T	3-Methylcholanthrene						0.000#	-1.00
98)	T	Indeno(1,2,3-cd)pyren	1.759	1.776	1.938	2.044	2.031	1.909	7.14
99)	T	Dibenzo(a,h)anthracen	1.677	1.724	1.911	2.072	2.110	1.899	10.35
100)	T	Benzo(g,h,i)perylene	1.767	1.753	1.915	1.983	1.959	1.875	5.78

(#) = Out of Range

Continuing Calibration Report GC/MS Ins

SV.60

Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration

12/16/99

Continuing Calibration File: STD80.D

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	110
2	T	n-Nitrosodimethylamine	1.228	1.144	6.8	103
3	T	Pyridine	1.433	1.424	0.6	113
4	S	2-Fluorophenol	2.575	2.507	2.6	111
5	T	Aniline	3.793	3.402	10.3	95
6	CMT	Phenol	4.418	4.414	0.1	108
7	S	Phenol-d5	3.899	3.783	3.0	106
8	T	bis(2-Chloroethyl)ether	3.347	3.439	-2.7	115
9	MT	2-Chlorophenol	2.739	2.816	-2.8	115
10	T	1,3-Dichlorobenzene	2.953	2.659	10.0	100
11	CMT	1,4-Dichlorobenzene	3.896	4.217	-8.2	119
12	T	1,2-Dichlorobenzene	3.487	3.478	0.3	113
13	T	Benzyl alcohol	1.808	1.911	-5.7	122
14	T	o-Cresol	2.460	2.006	18.5	91
15	T	bis(2-Chloroisopropyl)ether	5.332	4.352	18.4	90
16	T	Hexachloroethane	1.994	1.901	4.6	106
17	T	p-Cresol	3.500	2.880	17.7	89
18	MPT	N-Nitrosodipropylamine	2.934	2.464	16.0	91
19	I	Naphthalene-d8	1.000	1.000	0.0	125
20		N-Nitroso-morpholine	0.000	0.000#	0.0	-0#
21	S	Nitrobenzene-d5	1.192	0.971	18.5	105
22	T	Nitrobenzene	1.248	1.347	-7.9	136
23	T	N-Nitrosopiperidine	0.000	0.000#	0.0	0#
24	T	Isophorone	1.963	1.582	19.4	102
25	CT	2-Nitrophenol	0.500	0.418	16.6	111
26	T	2,4-Dimethylphenol	0.766	0.602	21.4	98
27	T	bis(2-Chloroethoxy)methane	1.097	0.980	10.6	112
28	CT	2,4-Dichlorophenol	0.770	0.655	15.0	104
29	T	Benzoic acid	0.381	0.387	-1.6	134
30	MT	1,2,4-Trichlorobenzene	0.861	0.914	-6.2	135
31	T	Naphthalene	2.668	2.386	10.6	110
32	T	2,6-Dichlorophenol	0.771	0.648	15.9	103
33	T	4-Chloroaniline	0.760	0.656	13.8	111
34	CT	Hexachlorobutadiene	0.709	0.674	4.9	119
35	T	N-Nitrosodi-n-butylamine	0.000	0.000#	0.0	0#
36	CMT	4-Chloro-3-methylphenol	0.857	0.867	-1.1	128
37		1-Methylnaphthalene	1.719	1.857	-8.1	133
38	T	2-Methylnaphthalene	1.720	1.835	-6.7	132
39	I	Acenaphthene-d10	1.000	1.000	0.0	124
40	T	1,2,4,5-Tetrachlorobenzene	0.000	0.000#	0.0	0#
41	PT	Hexachlorocyclopentadiene	1.158	1.044	9.8	107

(#) = Out of Range

Continuing Calibration Report GC/MS Ins

SV.61

Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	0.993	0.977	1.7	123
43	T	2,4,5-Trichlorophenol	1.094	1.052	3.9	121
44	S	2-Fluorobiphenyl	3.699	3.908	-5.7	131
45	T	1-Chloronaphthalene	3.036	3.148	-3.7	128
46	T	2-Chloronaphthalene	3.036	3.148	-3.7	128
47	T	2-Nitroaniline	1.190	1.034	13.1	111
48	T	Acenaphthylene	4.850	4.032	16.9	103
49	T	Dimethyl phthalate	3.781	3.817	-1.0	127
50	MT	2,4-Dinitrotoluene	1.060	1.052	0.8	124
51	T	3-Nitroaniline	0.702	0.691	1.7	124
52	CMT	Acenaphthene	3.048	3.045	0.1	121
53	PT	2,4-Dinitrophenol	0.377	0.303	19.4	96
54	T	Dibenzofuran	4.161	4.302	-3.4	128
55	T	Pentachlorobenzene	0.000	0.000#	0.0	0#
56	MPT	4-Nitrophenol	0.524	0.416	20.6	100
57	T	1-Naphthylamine	0.000	0.000#	0.0	0#
58	T	2,6-Dinitrotoluene	0.814	0.884	-8.6	135
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	3.821	4.687	-22.7	148
62	T	4-Chlorophenyl phenyl ether	1.746	2.032	-16.4	133
63	T	Diethyl phthalate	5.152	4.545	11.8	108
64		4,6-Dinitro-2-methylphenol	5.414	5.276	2.6	125
65	T	4-Nitroaniline	0.391	0.416	-6.4	138
66	I	Phenanthrene-d10	1.000	1.000	0.0	148
67	T	4,6-Dinitro-2-methylphenol	0.424	0.365	13.9	132
68	CT	Diphenylamine	1.386	1.325	4.5	131
69	T	N-Nitrosodiphenylamine	1.537	1.325	13.8	131
70	T	1,2-Diphenylhydrazine	3.476	2.887	16.9	125
71		p-Phenylenediamine	0.434	0.427	1.5	164
72	S	2,4,6-Tribromophenol	0.456	0.415	9.0	128
73	T	4-Bromophenyl phenyl ether	0.621	0.583	6.1	135
74		1,3,5-Trinitrobenzene	0.000	0.000#	0.0	0#
75	T	Hexachlorobenzene	0.906	0.871	3.9	141
76	T	4-Aminobiphenyl	0.000	0.000#	0.0	0#
77	CMT	Pentachlorophenol	0.706	0.680	3.6	153
78	T	Pentachloronitrobenzene	0.000	0.000#	0.0	0#
79	T	Phenanthrene	2.983	2.826	5.3	139
80	T	Anthracene	3.006	2.738	8.9	132
81	T	Di-n-butyl phthalate	4.451	3.928	11.7	129
82	CT	Fluoranthene	2.920	2.433	16.7	131
83	TM	Pyrene	2.821	2.409	14.6	136

(#) = Out of Range

Continuing Calibration Report GC/MS Ins

SV.62

Method : D:\HPCHEM\1\METHODS\8270-028.M (RTE Integrator)
Title :
Last Update : Fri Dec 17 11:14:36 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	170
85	S	p-Terphenyl-d14	3.259	2.801	14.0	134
86	T	p-Dimethylaminoazobenzene	0.000	0.000#	0.0	0#
87	T	Butyl benzyl phthalate	2.276	1.960	13.9	138
88	T	Benzo(a)anthracene	2.727	2.553	6.4	162
89	T	Chrysene	2.847	2.505	12.0	156
90	T	bis(2-Ethylhexyl) phthalate	3.148	2.633	16.4	135
91	CT	Di-n-octyl phthalate	4.473	4.824	-7.9	185
92	I	Perylene-d12	1.000	1.000	0.0	109
93	T	Benzo(b)fluoranthene	3.253	3.292	-1.2	119
94	T	Benzo(k)fluoranthene	2.882	2.556	11.3	95
95		7,12-dimethylbenz[a]anthracen	0.266	0.301	-13.3	128
96	CT	Benzo(a)pyrene	2.615	3.017	-15.4	129
97	T	3-Methylcholanthrene	0.000	0.000#	0.0	0#
98	T	Indeno(1,2,3-cd)pyrene	1.909	2.128	-11.5	119
99	T	Dibenzo(a,h)anthracene	1.899	1.881	0.9	107
100	T	Benzo(g,h,i)perylene	1.875	1.885	-0.5	107

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Argus Analytical, Inc.

Organics QC Summary
Pesticides

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Pesticides - QC Data Package Summary
Toxaphene Only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): December 10, 1999

Sample #	QC Data Package Starting Page # Prefix	Surrogate Recoveries - %	
		TCMX	DCB
AA 83577	P	104	107
AA 83578	P	96	129
AA 83579	P	101	110
AA 83580	P	99	110
AA 83581	P	72	109
AA 83582	P	71	120
AA 83583	P	75	103
AA 83584	P	94	105
AA 83585	P	64	92
AA 83586	P	67	86
AA 83587	P	71	90
AA 83588	P	80	88
AA 83589	P	62	111
AA 83590	P	82	104
AA 83591	P	71	110

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\991216\99121610.D Vial: 10
Signal #2 : C:\HPCHEM\6\DATA\991216\99121610.D\CONFIRM.D
Acq On : 16 Dec 99 05:44 PM Operator: mmp
Sample : Blank 1mL Soil Tox Inst : HP-2
Misc : Soil : Dessicant->1mL Hexane Multiplr: 1.00
Quant Time: Dec 21 10:42 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Tue Dec 21 10:42:06 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

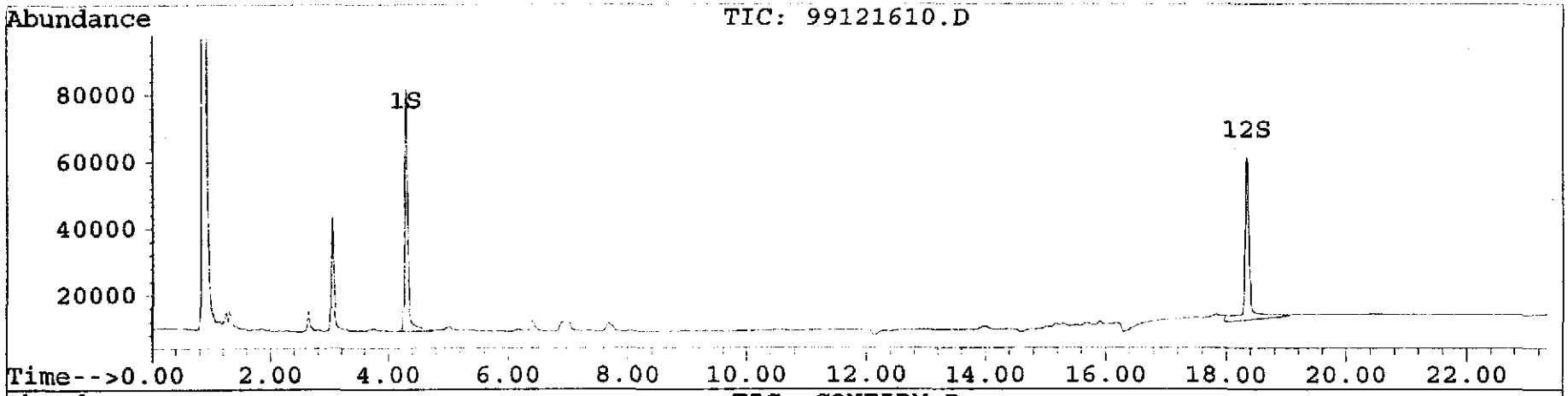
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	TCMX	4.29	5.69	2641574	7395704	65.184	51.335
				Recovery	=	65.18%	51.33%
2) S	DCB	18.34	20.02	2778374	6061924	86.353	74.513
				Recovery	=	86.35%	74.51%
	Target Compounds						
2) L1	Chlordane	0.00	0.00	0	0	N.D.	N.D.
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.	N.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.	N.D.
8) L2	Toxaphene {2}	0.00	0.00	0	0	N.D.	N.D.
9) L2	Toxaphene {3}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2	Toxaphene {4}	0.00	0.00	0	0	N.D.	N.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

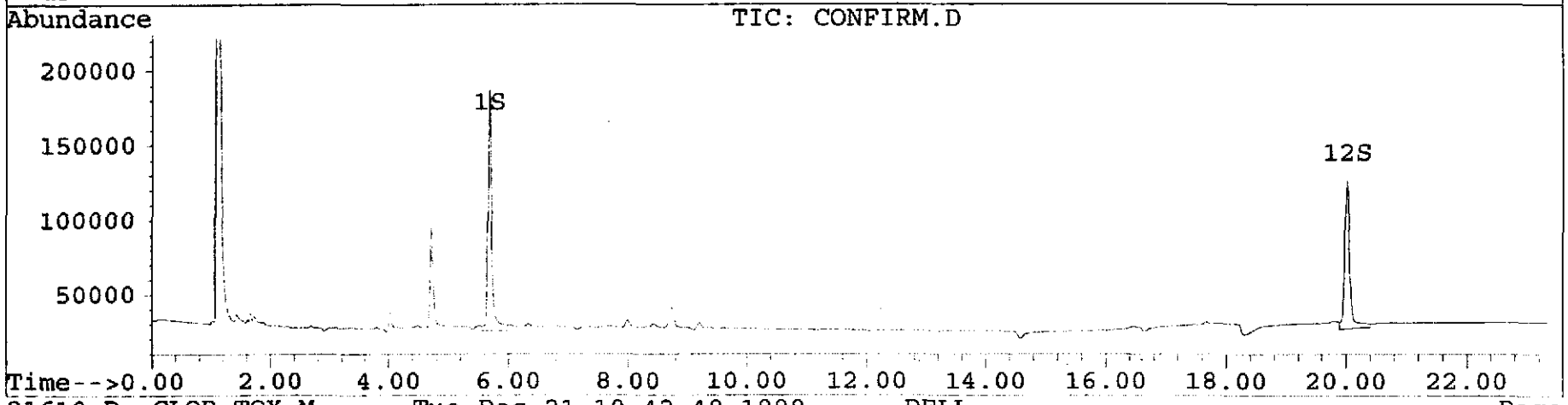
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : C:\HPCHEM\6\DATA\991216\99121610.D Vial: 10
Signal #2 : C:\HPCHEM\6\DATA\991216\99121610.D\CONFIRM.D
Acq On : 16 Dec 99 05:44 PM Operator: mmp
Sample : Blank 1mL Soil Tox Inst : HP-2
Misc : Soil : Dessicant->1mL Hexane Multiplr: 1.00
Quant Time: Dec 21 10:42 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Tue Dec 21 10:42:06 1999
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 : Tue Dec 21 10:48:20 1999
Response via : Initial Calibration

Non-Spiked Sample: 99121611.D

	Spike Sample	Spike Duplicate Sample
File ID :	99121612.D	99121613.D
Sample :	AA83578 1mL Water Tox	AA83579 1mL Water Tox
Acq Time:	16 Dec 99 06:38 PM	16 Dec 99 07:05 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	11	10	110	100	10	15	60-140

CLOR-TOX.M Tue Dec 21 13:09:49 1999 DELL

Response Factor Report HP-2

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Tue Dec 21 10:25:52 1999
Response via : Initial Calibration

Calibration Files
1 =99122026.D 2 =99122027.D 3 =99122028.D
4 =99122029.D 5 =99122030.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	1.4	1.0	1.0	1.2	1.1	1.1	E3	13.83
3)	L1	Chlordane {2}	2.0	1.8	1.8	2.2	2.0	1.9	E3	7.59
4)	L1	Chlordane {3}	1.8	1.6	1.6	1.8	1.5	1.6	E3	7.27
5)	L1	Chlordane {4}	5.0	4.7	4.7	5.5	4.8	4.9	E3	6.98
6)	L1	Chlordane {5}	4.9	4.8	4.8	5.5	4.9	5.0	E3	5.92
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
1)	S	TCMX	157.6	149.6	144.8	143.7	124.5	144.1	E3	8.49
2)	L1	Chlordane	3.1	2.1	2.1	2.4	2.1	2.4	E3	18.15
3)	L1	Chlordane {2}	3.8	3.1	3.4	3.8	3.8	3.6	E3	8.95
4)	L1	Chlordane {3}	7.2	6.8	6.8	8.0	7.1	7.2	E3	7.13
5)	L1	Chlordane {4}	6.2	6.0	6.0	7.1	6.2	6.3	E3	6.99
6)	L1	Chlordane {5}	6.1	6.1	6.1	7.4	6.5	6.4	E3	8.90
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 Tue Dec 21 10:26:25 1999 DELL

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\991216\99121633.D Vial: 33
Signal #2 : C:\HPCHEM\6\DATA\991216\99121633.D\CONFIRM.D
Acq On : 17 Dec 99 02:01 PM Operator: mmp
Sample : Toxaphene L3 500ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Dec 21 10:32 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Tue Dec 21 10:42:06 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

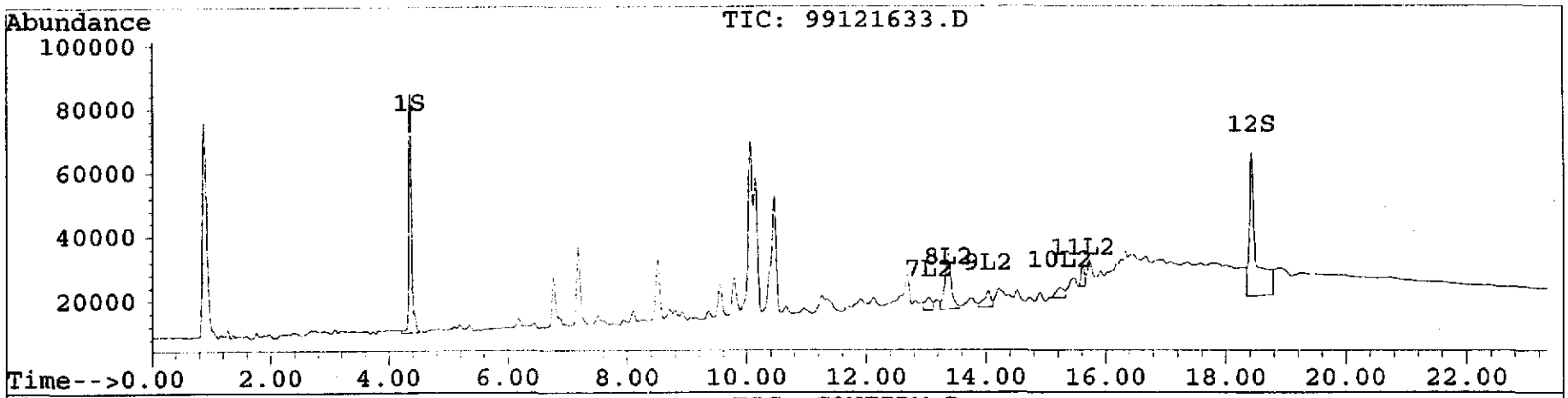
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.36	5.79	2471183	5892689	60.979	40.902 #
			Recovery	=	60.98%	40.90%
2) S DCB	18.43	20.15	3703622	4046140	115.110	49.735 #
			Recovery	=	115.11%	49.74%
Target Compounds						
2) L1 Chlordane	0.00	0.00	0	0	N.D.	N.D.
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.d	N.D.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	13.05	12.86	311054	1382608	525.847	430.998
8) L2 Toxaphene {2}	13.37	13.63	1306048	981636	683.179	512.417
9) L2 Toxaphene {3}	14.04	14.26	420617	1999171	432.373	418.692
10) L2 Toxaphene {4}	15.23	15.30	292070	1385953	583.464m	561.870
11) L2 Toxaphene {5}	15.62	16.22	255282	1564793	499.434m	1599.323 #
Total Toxaphene			2585071	7314160	2724.296	3523.300
Average Toxaphene					544.859	704.660

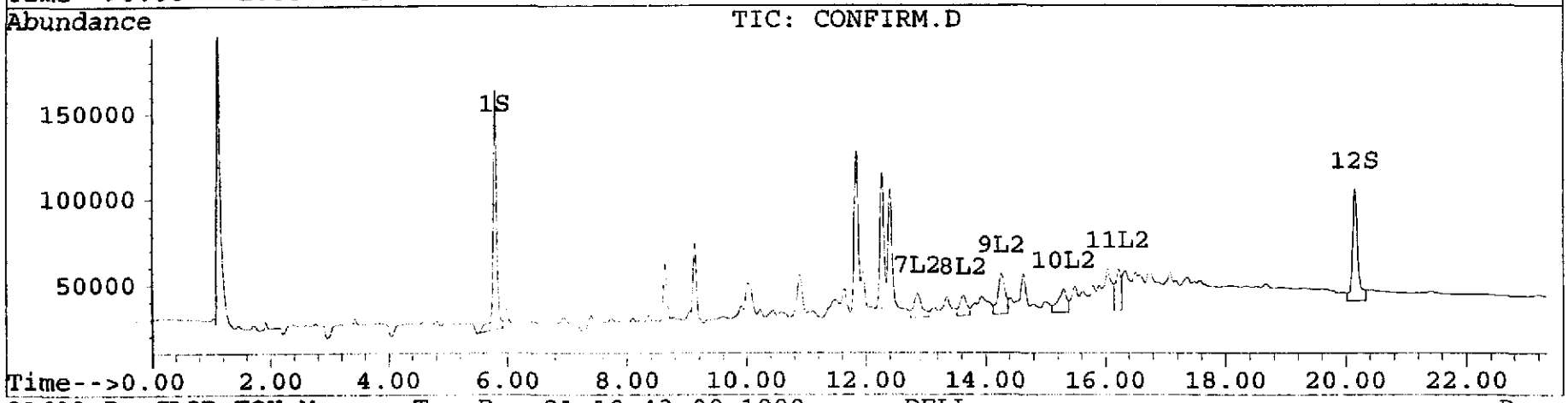
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : C:\HPCHEM\6\DATA\991216\99121633.D Vial: 33
Signal #2 : C:\HPCHEM\6\DATA\991216\99121633.D\CONFIRM.D
Acq On : 17 Dec 99 02:01 PM Operator: mmp
Sample : Toxaphene L3 500ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Dec 21 10:32 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Tue Dec 21 10:42:06 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





19'd

Argus Analytical, Inc.

Narrative

Vicksburg Chemical

1999 - Fourth Quarter

Ground Water Monitoring

Date(s) Sampled: 12/09/99

Date(s) Submitted to Laboratory: 12/10/99

Data Package Reported: 12/20/99

Narrative

Vicksburg Chemical

Samples AA83577-579 were equivalent except AA83578 and AA83579 were labeled "Matrix Spike" and "Matrix Spike Duplicate", respectively. These three samples were processed as follows:

Organics:

AA83578 (Matrix Spike) and AA83579 (Matrix Spike Duplicate) were spiked for volatiles, semivolatiles (dinoseb) and pesticides (toxaphene). The reported results for these samples are from the spiked samples.

The spiked results for these samples are also summarized in the attached table.

Metals:

AA83579 (Matrix Spike Duplicate) was analyzed as a duplicate (no spike added). AA83578 (Matrix Spike) was spiked (arsenic) and reported on the spiked basis. The results are summarized in the attached table.

Sample AA83584 (MW #8). One 40 ml vial was broken on receipt, and the second vial broke during sample preparation. Per E. Blush on 12/14/99, VOA samples were poured up from the Dinoseb bottle. TJ.

Argus Analytical, Inc. December 10, 1999

c:\d\c\narratives\aa83585.wpd

Argus Analytical, Inc. Vicksburg Chemical

Analyte	AA83577	Units	Spike Amount	MS AA83578	Recovery %	MSD AA83579	Recovery %	Precision %
Dinoseb	0.104	mg/L	0.10	0.166	62	0.194	90	16
Toxaphene	< 1	ug/L	10.0	10.700	107	9.700	97	10
Benzene	< 0.005	mg/L	0.05	0.052	104	0.057	114	9
Chlorobenzene	< 0.005	mg/L	0.05	0.064	128	0.066	132	3
1,1-Dichloroethene	< 0.005	mg/L	0.05	0.058	116	0.053	106	9
Toluene	< 0.005	mg/L	0.05	0.043	86	0.044	88	2
Trichloroethene (TCE)	0.012	mg/L	0.05	0.068	112	0.069	114	1

c:\d\l\d\83577.xls

Toxaphene - ug/L
All other units - mg/L

Argus Analytical, Inc. Vicksburg Chemical

Metal	Unspiked **AA83577**	Duplicate **AA83579**	Precision %	Spike Amount	Spike Results **AA83578**	Recovery %
Arsenic	< 0.005	< 0.005	NA	1.00	1.15	115

Blank : < 0.005

All units: mg/L

c:\d\e\d\83577m.xls

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 142

Vicksburg Chemical company

RECEIVED
OCT - 7 1999
Dept. of Environmental Quality
Office of Pollution Control

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

October 6, 1999

Re: Vicksburg Chemical Company
Groundwater Monitoring, 3rd Quarter, 1999

Dear Mr. Bailey:

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. 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
09/23/1999

Well No.	Water Elevation, ft. above MSL
1A	107.41
2	102.5
3	not sampled
4	98.3
5	81.31 (well dry, no sample)
6	82.88
7	85.49
8	101.66
9	109.24
10	106.45
11	96.31
12	107.69
13	109.33
14	107.05
16	108.44

Vicksburg Chemical

1999 Third Quarter
Ground Water Monitoring

Dates Sampled: September 23, 1999

Date Reported: October 5, 1999

Argus®
ANALYTICAL, INC.

Ridgeland, Mississippi

Index

Data Package Contents

Sample Cross References

Analytical Reports (starting with AA80249)

Chain of Custodies

Holding Time Report - Organics

Inorganic QC Summary - Metals & Conventionals
Note: The Inorganic QC is also summarized in the Narrative.

Organics QC Summary - Volatile Organics

Organics QC Summary - Semivolatile Organics

Organics QC Summary - Pesticides

Narrative

Argus Analytical, Inc.

Sample Cross References

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Sorted by Sample Description

Sample Number & Sample Description Cross Reference Argus Analytical, Inc.

Sample #	Sample Description		Collection Date	Collection Time
AA80265	Equip Blank	W	09/23/99	
AA80259	MW 10	W	09/23/99	11:00
AA80260	MW 11	W	09/23/99	10:45
AA80261	MW 12	W	09/23/99	12:00
AA80262	MW 13	W	09/23/99	12:45
AA80263	MW 14	W	09/23/99	11:45
AA80264	MW 16	W	09/23/99	11:15
AA80250	MW 1A	W	09/23/99	11:30
AA80251	MW 1A Dup	W	09/23/99	11:30
AA80252	MW 1A Matrix Spk	W	09/23/99	11:30
AA80253	MW 2	W	09/23/99	10:00
AA80254	MW 4	W	09/23/99	13:00
AA80255	MW 6	W	09/23/99	10:30
AA80256	MW 7	W	09/23/99	10:15
AA80257	MW 8	W	09/23/99	12:15
AA80258	MW 9	W	09/23/99	12:30
AA80249	Trip Blank	W	09/08/99	16:00

Analytical Reports

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

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: 09/29/99

Date Sampled: 09/08/99
Time Sampled: 16:00
Sampled by: R. Lackey

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: Trip Blank
Sample Matrix: WATER
Project Number:

Sample Number: AA80249

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: Trip Blank

Sample Number: AA80249

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 1A
Sample Matrix: WATER
Project Number:

Sample Number: AA80250

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	0.081	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 1A

Sample Number: AA80250

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	0.008	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 1A Dup

Sample Matrix: WATER

Project Number:

Sample Number: AA80251

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	0.225	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	11.0	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	0.052	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	0.050	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	0.057	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 1A Dup

Sample Number: AA80251

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	0.057	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	0.057	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 1A Matrix Spk
Sample Matrix: WATER
Project Number:

Sample Number: AA80252

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.893	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	0.286	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	11.3	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	0.054	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	0.048	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	0.055	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 1A Matrix Spk

Sample Number: AA80252

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	0.060	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	0.066	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 10:00
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 2
Sample Matrix: WATER
Project Number:

Sample Number: AA80253

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 2

Sample Number: AA80253

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 4

Sample Matrix: WATER

Sample Number: AA80254

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 4

Sample Number: AA80254

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 10:30
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 6
Sample Matrix: WATER
Project Number:

Sample Number: AA80255

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.014	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/28/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 6

Sample Number: AA80255

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 10:15
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 7
Sample Matrix: WATER
Project Number:

Sample Number: AA80256

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.053	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 7

Sample Number: AA80256

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 8
Sample Matrix: WATER
Project Number:

Sample Number: AA80257

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.054	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 8

Sample Number: AA80257

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 12:30
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 9
Sample Matrix: WATER
Project Number:

Sample Number: AA80258

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 9

Sample Number: AA80258

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 11:00
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

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

Sample Number: AA80259

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 10

Sample Number: AA80259

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 10:45
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 11
Sample Matrix: WATER
Project Number:

Sample Number: AA80260

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	0.002	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 11

Sample Number: AA80260

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	0.022	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 12:00
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 12
Sample Matrix: WATER
Project Number:

Sample Number: AA80261

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 12

Sample Number: AA80261

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

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

Sample Number: AA80262

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 13

Sample Number: AA80262

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argampr0

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: 09/30/99

Date Sampled: 09/23/99
Time Sampled: 11:45
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 14
Sample Matrix: WATER
Project Number:

Sample Number: AA80263

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 14

Sample Number: AA80263

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 10/01/99

Date Sampled: 09/23/99
Time Sampled: 11:15
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999

Date Received: 09/24/99

Sample Description: MW 16
Sample Matrix: WATER
Project Number:

Sample Number: AA80264

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: MW 16

Sample Number: AA80264

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 10/01/99
Date Sampled: 09/23/99
Time Sampled:
Sampled by: E. Blush

Project ID/Location: 3rd Qtr Samples 1999
Date Received: 09/24/99

Sample Description: Equip Blank
Sample Matrix: WATER
Project Number:
Sample Number: AA80265
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	BH	09/28/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	09/29/99
Toxaphene	ND	1	ug/L	8081A	MMP	09/30/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	09/29/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	09/29/99
Benzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromoform	ND	0.005	mg/L	8260B	MMP	09/29/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	09/29/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloroform	ND	0.005	mg/L	8260B	MMP	09/29/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	09/29/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	09/29/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	09/29/99

Sample Description: Equip Blank

Sample Number: AA80265

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	09/29/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	09/29/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	09/29/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	09/29/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	09/29/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	09/29/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	09/29/99
Styrene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Toluene	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	09/29/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	09/29/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	09/29/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	09/29/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	09/29/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

Argus Analytical, Inc.

Chain of Custodies

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

T.O. # 99-98837
Report 2 Separately

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

Client Name: Vicksburg Chemical Address: PO Box 821003 Vicksburg MS 39182 Attn: Eric Blush	Project Name/Location: 3rd Quarter Samples 1999 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		TRIP BLK.	9-8-99	4:00	RL	G	2	TRIP BLK	AA80249
2		Mon. Well 1A	9-23-99	1130	EB	G	6	Toxaphene Dinoseb Volatiles Arsenic	AA80250
3		Mon. Well 1A Dup		1130					AA80251
4		Mon Well 1A Matrix Spk		1130					AA80252
5		Mon Well 2		1000					AA80253
6		M.W. 4		1300					AA80254
7		M.W 6		1030					AA80255
8		M.W 7		1015					AA80256
9		M.W 8		1215					AA80257
10		M.W 9		1230					AA80258

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	14/4 9-24	J M Lood	9/24/99 [redacted] 14:23				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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Rev 1196

99-98837
Report 2 seperately

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

Client Name: Vicksburg Chemical Address: PO Box 821003 Vicksburg MS 39182 Attn: Eric Blush	Project Name/Location: 3rd Quarter Samples 1999 Sampler (print/signature): Eric Blush [signature]	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)
11		M.W. 10	9-23-99	1100	EB	G	6	Toxaphene Dinosub Volatiles Arsenic	AA 80259
12		M.W. 11		1045					AA80260
13		M.W. 12		1200					AA80261
14		M.W. 13		1245					AA80262
15		M.W. 14		1145					AA80263
16		M.W. 16		1115					AA80264
17		Equip. Blnk							AA80265
18		~~Outfall 001~~	~~9-24-99~~	~~0645~~		C	1	~~Tox~~ (Report	~~AA80266~~
19		~~Outfall 001~~	~~9-24-99~~	~~0645~~		C	1	~~Nickel~~ Seperately	

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
[signature]	1974 9-24-99	[signature]	9/24/99 14:23				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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Rev 1196

Argus Analytical, Inc.

Holding Time Report
Organics

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
AA80249	Volatile Organics (Appendix I of 258)	W	09/08/99	09/29/99	21
AA80250	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80251	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80252	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80253	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80254	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80255	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/28/99	5
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80256	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80257	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80258	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80259	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80260	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4

(1) From date of sampling

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80261	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80262	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80263	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80264	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7
AA80265	Volatile Organics (Appendix I of 258)	W	09/23/99	09/29/99	6
	Prep - Acid Extractables	w	09/23/99	09/27/99	4
	Dinoseb	W	09/23/99	09/29/99	6
	Prep - Pesticides/PCBs in water	w	09/23/99	09/28/99	5
	Toxaphene	W	09/23/99	09/30/99	7

(1) From date of sampling

Inorganic QC Summary
Metals & Conventionals

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Note: The Inorganic QC is also summarized in the Narrative.

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Argus Analytical, Inc. Vicksburg Chemical

Metal	Unspiked AA80250	Duplicate AA80251	Precision %	Spike Amount	Spike Results AA80252	Recovery %
Arsenic	< 0.005	< 0.005	NA	1.00	0.89	89

Blank (9/28/99 @ 8:25): < 0.005

All units: mg/L

c:\d\l\aa80250m.xls

Organics QC Summary
Volatile Organics

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Volatile Organics - QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Receipt date(s): September 24, 1999

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - % Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	80249	990929	118	105	104
AA	80250	990929	94	109	115
AA	80251	990929	112	104	112
AA	80252	990929	117	108	105
AA	80253	990929	99	110	114
AA	80254	990929	116	100	109
AA	80255	990929	111	100	105
AA	80256	990929	108	103	106
AA	80257	990929	112	101	106
AA	80258	990929	117	94	110
AA	80259	990929	114	95	113
AA	80260	990929	116	99	115
AA	80261	990929	101	104	114
AA	80262	990929	113	97	109
AA	80263	990929	115	96	107
AA	80264	990929	108	101	115
AA	80265	990929	99	92	111

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\990929\99092902.D
Acq On : 29 Sep 99 9:33 am
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Sep 30 10:36 1999

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	10.85	168	41868	50.00 ug/L	0.00
26) 1,4-difluorobenzene	11.81	114	62545	50.00 ug/L	0.00
43) Chlorobenzene-d5	15.32	82	27953	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	18.24	152	13261	50.00 ug/L	0.00
System Monitoring Compounds					**%Recovery**
24) dibromofluoromethane	10.78	113	39358	56.99 ug/L	113.99%
38) toluene-d8	13.62	98	54132	47.97 ug/L	95.94%
57) 4-bromofluorobenzene	16.73	95	17831	55.80 ug/L	111.61%
Target Compounds					**Qvalue**
2) dichlorodifluoromethane	0.00	85		Not Detected	
3) chloromethane	0.00	50		Not Detected	
4) vinyl chloride*	0.00	62		Not Detected	
5) bromomethane	0.00	94		Not Detected	
6) chloroethane	0.00	64		Not Detected	
7) trichlorofluoromethane	0.00	101		Not Detected	
8) 1,1-dichloroethene*	0.00	61		Not Detected	
9) Iodomethane	0.00	142		Not Detected	
10) Carbon disulfide	0.00	76		Not Detected	
11) methylene chloride	0.00	84		Not Detected	
12) trans-1,2-dichloroethene	0.00	61		Not Detected	
13) Acetone	0.00	58		Not Detected	
14) Methyl ethyl ketone*	0.00	72		Not Detected	
15) Acrolein	0.00	56		Not Detected	
16) Acrylonitrile	0.00	53		Not Detected	
17) 1,1-dichloroethane	0.00	63		Not Detected	
18) Vinyl acetate	0.00	43		Not Detected	
19) Hexane	0.00	57		Not Detected	
20) 2,2-dichloropropane	0.00	77		Not Detected	
21) cis-1,2-dichloroethene	0.00	61		Not Detected	
22) bromochloromethane	0.00	128		Not Detected	
23) chloroform*	0.00	83		Not Detected	
25) 1,1,1-trichloroethane	0.00	97		Not Detected	
27) carbon tetrachloride*	0.00	117		Not Detected	
28) 1,1-dichloropropene	0.00	75		Not Detected	
29) benzene*	0.00	78		Not Detected	
30) 1,2-dichloroethane*	0.00	62		Not Detected	
31) trichloroethene*	0.00	95		Not Detected	
32) 1,2-dichloropropane	0.00	63		Not Detected	
33) dibromomethane	0.00	93		Not Detected	
34) bromodichloromethane	0.00	83		Not Detected	
35) 2-Chloroethylvinyl ether	0.00	63		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\990929\99092902.D
Acq On : 29 Sep 99 9:33 am
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Sep 30 10:36 1999

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Multiple Level Calibration

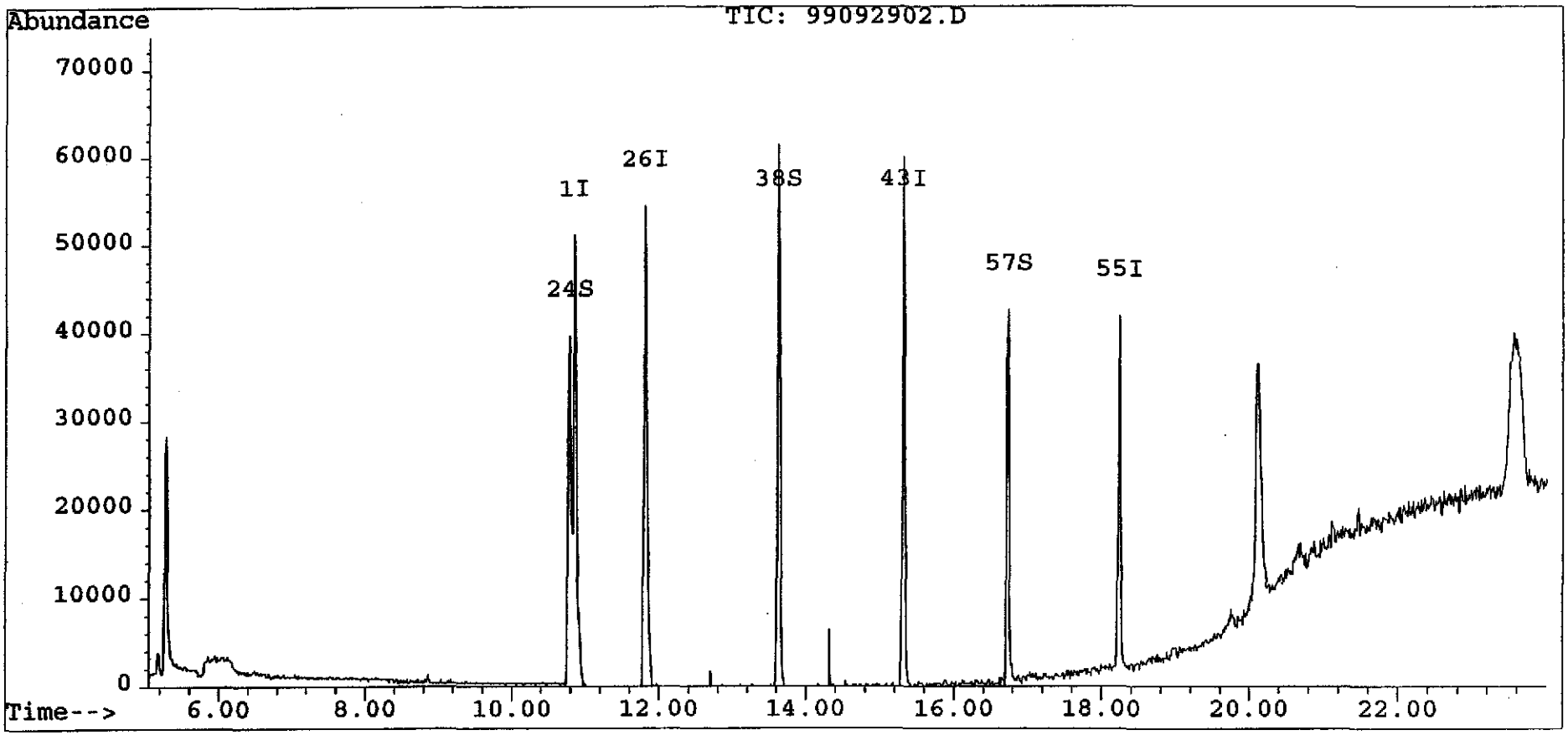
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) cis-1,3-dichloropropene	0.00	75		Not Detected	
37) 4-Methyl-2-pentanone	0.00	43		Not Detected	
39) toluene	0.00	92		Not Detected	
40) trans-1,3-dichloropropene	0.00	75		Not Detected	
41) 1,1,2-trichloroethane	0.00	83		Not Detected	
42) 2-Hexanone	0.00	43		Not Detected	
44) tetrachloroethene*	0.00	166		Not Detected	
45) 1,3-dichloropropane	0.00	76		Not Detected	
46) dibromochloromethane	0.00	129		Not Detected	
47) 1,2-dibromoethane	0.00	107		Not Detected	
48) chlorobenzene*	0.00	112		Not Detected	
49) 1,1,1,2-tetrachloroethane	0.00	131		Not Detected	
50) ethylbenzene	0.00	106		Not Detected	
51) m,p-xylene	0.00	106		Not Detected	
52) o-xylene	0.00	106		Not Detected	
53) styrene	0.00	104		Not Detected	
54) bromoform	0.00	173		Not Detected	
56) isopropylbenzene	0.00	120		Not Detected	
58) bromobenzene	0.00	158		Not Detected	
59) 1,1,2,2-tetrachloroethane	0.00	83		Not Detected	
60) 1,2,3-trichloropropane	0.00	110		Not Detected	
61) n-propylbenzene	0.00	120		Not Detected	
62) 2-chlorotoluene	0.00	126		Not Detected	
63) 4-chlorotoluene	0.00	126		Not Detected	
64) 1,3,5-trimethylbenzene	0.00	120		Not Detected	
65) tert-butylbenzene	0.00	119		Not Detected	
66) 1,2,4-trimethylbenzene	0.00	120		Not Detected	
67) sec-butylbenzene	0.00	105		Not Detected	
68) 1,3-dichlorobenzene	0.00	146		Not Detected	
69) 4-isopropyltoluene	0.00	134		Not Detected	
70) 1,4-dichlorobenzene	0.00	146		Not Detected	
71) 1,2-dichlorobenzene	0.00	146		Not Detected	
72) n-butylbenzene	0.00	92		Not Detected	
73) 1,2-dibromo-3-chloropropan	0.00	157		Not Detected	
74) 1,2,4-trichlorobenzene	0.00	180		Not Detected	
75) hexachlorobutadiene	0.00	225		Not Detected	
76) naphthalene	0.00	128		Not Detected	
77) 1,2,3-trichlorobenzene	0.00	180		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\990929\99092902.D
Acq On : 29 Sep 99 9:33 am
Sample : 8260 Blank 5mL Water
Misc : 8260 Blank : 5mL Water
Quant Time: Sep 30 10:36 1999

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Multiple Level Calibration



990929.12

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Initial Calibration

Non-Spiked Sample: 99092908.D

	Spike Sample	Spike Duplicate Sample
File ID :	99092909.D	99092910.D
Sample :	AA80251 5mL Water $A1_VOA	AA80252 5mL Water $A1
Acq Time:	29 Sep 99 2:10 pm	29 Sep 99 2:41 pm

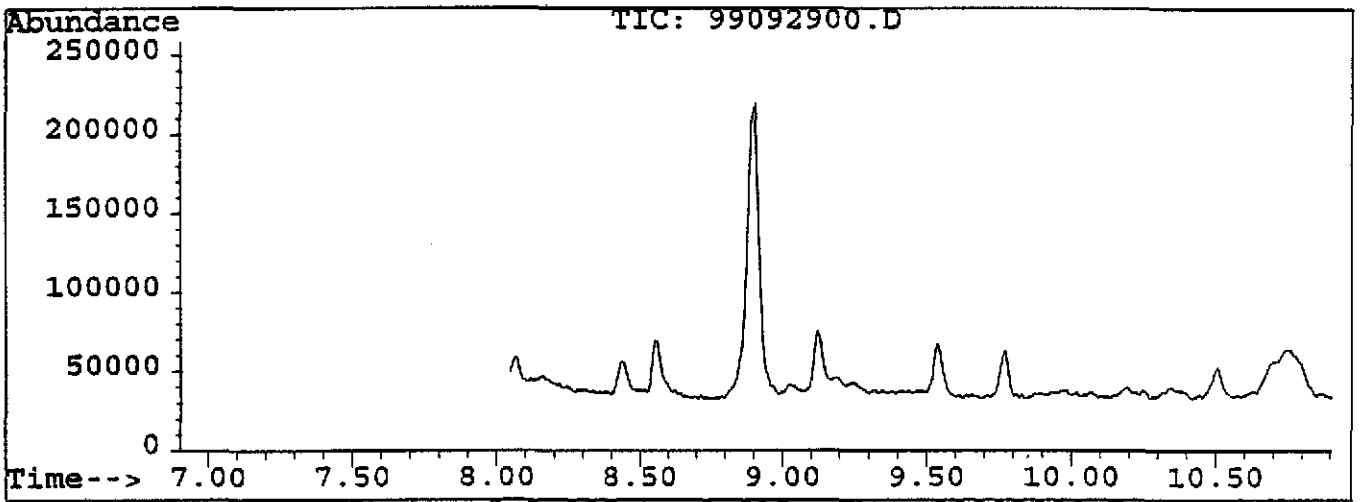
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene*	0.0	50	57	55	114	111	3	14	61-145
benzene*	0.0	50	52	54	104	109	4	11	76-127
trichloroethene*	7.6	50	65	66	114	116	1	14	71-120
toluene	0.0	50	57	60	114	119	5	13	76-125
chlorobenzene*	0.0	50	50	48	101	97	4	13	75-130

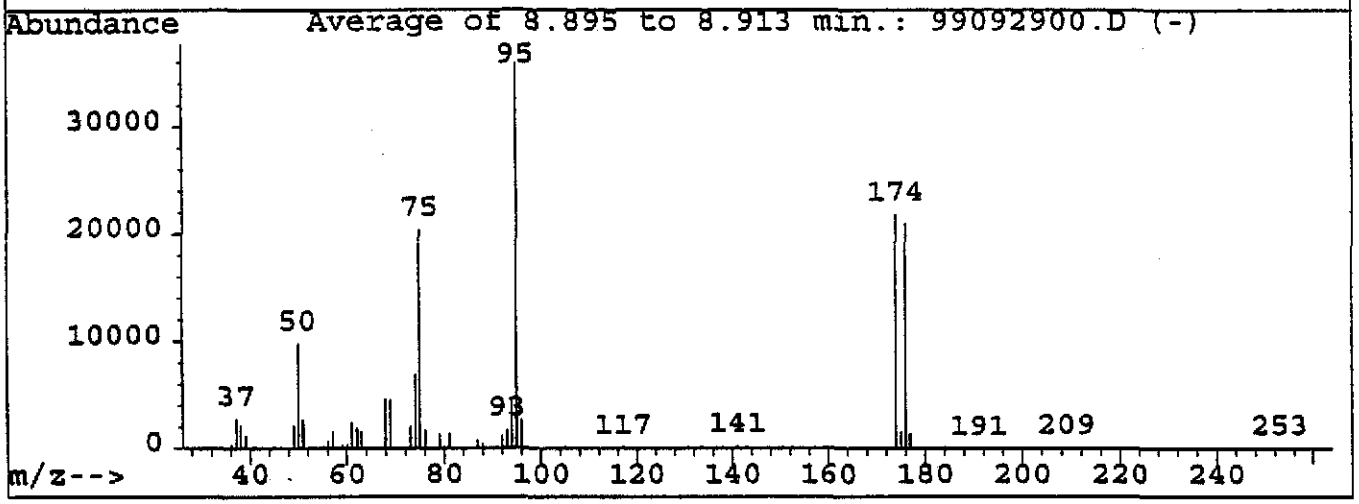
BFB

Data File : C:\HPCHEM\1\DATA\990929\99092900.D
Acq On : 29 Sep 99 8:37 am
Sample : BFB Tune Check
Misc : Tune Check

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFB-VOC.M
Title : BFB Tune Check for Method EPA-8260 QC Criteria





Peak Apex is scan: 96

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	27.4	9859	PASS
75	95	30	60	56.9	20475	PASS
95	95	100	100	100.0	35960	PASS
96	95	5	9	7.5	2697	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	60.8	21877	PASS
175	174	5	9	7.3	1592	PASS
176	174	95	101	96.3	21067	PASS
177	176	5	9	6.6	1393	PASS

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Initial Calibration

Calibration Files
1 =990826L1.D 2 =990826L2.D 3 =990826L3.D
4 =990826L4.D 5 =990826L5.D H1 =99022506.D

		Compound	1	2	3	4	5	H1	Avg	%RSD
1)	I	pentafluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
2)	T	dichlorodifluoromet	0.674	0.922	0.783	0.780	0.787		0.789	11.18
3)	P	chloromethane	0.683	0.843	0.753	0.750	0.733		0.752	7.67
4)	C	vinyl chloride*	0.806	1.047	0.903	0.897	0.888		0.908	9.55
5)	T	bromomethane	0.742	0.921	0.810	0.812	0.812		0.820	7.85
6)	T	chloroethane	0.431	0.467	0.469	0.467	0.465		0.460	3.55
7)	T	trichlorofluorometh	0.943	1.271	1.081	1.079	1.073		1.089	10.78
8)	CM	1,1-dichloroethene*	0.908	1.238	1.094	1.039	1.094		1.074	11.07
9)	T	Iodomethane	0.533	0.742	0.618	0.619	0.564		0.615	12.98
10)	T	Carbon disulfide	1.524	2.076	1.910	2.146	1.802		1.892	13.01
11)	T	methylene chloride	0.677	0.869	0.747	0.713	0.727		0.747	9.78
12)	T	trans-1,2-dichloroe	0.870	1.125	0.981	0.957	0.978		0.982	9.33
13)	T	Acetone	0.003	0.033	0.045	0.050	0.053		0.037	55.25
14)	T	Methyl ethyl ketone	0.045	0.065	0.061	0.068	0.067		0.061	15.73
15)	T	Acrolein							0.000#	-1.00
16)	T	Acrylonitrile							0.000#	-1.00
17)	P	1,1-dichloroethane	1.096	1.367	1.195	1.170	1.209		1.207	8.22
18)	T	Vinyl acetate	1.042	1.115	1.102	1.195	1.088		1.108	5.03
19)	T	Hexane						0.741	0.712	5.76
20)	T	2,2-dichloropropane	0.490	0.575	0.479	0.522	0.541		0.521	7.42
21)	T	cis-1,2-dichloroeth	0.821	1.050	0.848	1.030	1.045		0.959	11.89
22)	T	bromochloromethane	0.328	0.426	0.372	0.368	0.381		0.375	9.37
23)	C	chloroform*	1.036	1.287	1.103	1.100	1.127		1.130	8.29
24)	S	dibromofluoromethan	0.762	0.924	0.788	0.831	0.818		0.825	7.48
25)	T	1,1,1-trichloroetha	0.529	0.689	0.546	0.624	0.643		0.606	11.08
26)	I	1,4-difluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
27)	T	carbon tetrachlorid	0.241	0.327	0.252	0.310	0.333		0.293	14.75
28)	T	1,1-dichloropropene	0.346	0.416	0.343	0.394	0.411		0.382	9.23
29)	M	benzene*	1.050	1.074	1.037	1.029	1.053		1.048	1.63
30)	T	1,2-dichloroethane*	0.573	0.639	0.577	0.583	0.620		0.599	4.91
31)	M	trichloroethene*	0.313	0.336	0.304	0.325	0.332		0.322	4.14
32)	C	1,2-dichloropropane	0.283	0.290	0.269	0.279	0.288		0.282	2.82
33)	T	dibromomethane	0.256	0.303	0.270	0.273	0.287		0.278	6.40
34)	T	bromodichloromethan	0.403	0.462	0.418	0.439	0.454		0.435	5.65
35)	T	2-Chloroethylvinyl			0.418	0.439	0.454		0.000#	-1.00
36)	T	cis-1,3-dichloropro	0.370	0.416	0.405	0.390	0.405		0.397	4.48
37)	T	4-Methyl-2-pentanon	0.372	0.307	0.362	0.364	0.405		0.362	9.69
38)	S	toluene-d8	0.931	0.860	0.927	0.866	0.928		0.902	4.00
39)	M	toluene	0.491	0.476	0.484	0.467	0.511		0.486	3.42
40)	T	trans-1,3-dichlorop	0.335	0.357	0.376	0.351	0.372		0.358	4.62
41)	T	1,1,2-trichloroetha	0.219	0.215	0.213	0.214	0.227		0.218	2.66

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
Response via : Initial Calibration

Calibration Files
1 =990826L1.D 2 =990826L2.D 3 =990826L3.D
4 =990826L4.D 5 =990826L5.D H1 =99022506.D

		Compound	1	2	3	4	5	H1	Avg	%RSD
42)	T	2-Hexanone	0.217	0.203	0.254	0.258	0.289		0.244	14.06
43)	I	Chlorobenzene-d5	----------	----------	----------	ISTD	----------	----------	----------	
44)	T	tetrachloroethene*	0.488	0.640	0.578	0.577	0.599		0.576	9.67
45)	T	1,3-dichloropropane	0.989	1.027	0.941	0.942	0.893		0.958	5.34
46)	T	dibromochloromethan	0.685	0.757	0.712	0.753	0.726		0.727	4.11
47)	T	1,2-dibromoethane	0.540	0.573	0.497	0.460	0.426		0.499	11.85
48)	M	chlorobenzene*	1.423	1.445	1.373	1.416	1.442		1.420	2.04
49)	T	1,1,1,2-tetrachloro	0.457	0.471	0.436	0.462	0.460		0.457	2.87
50)	C	ethylbenzene	0.507	0.541	0.466	0.582	0.604		0.540	10.38
51)	T	m,p-xylene	0.609	0.640	0.552	0.694	0.745		0.648	11.51
52)	T	o-xylene	0.609	0.622	0.565	0.688	0.732		0.643	10.33
53)	T	styrene	1.031	1.095	1.053	1.245	1.324		1.150	11.18
54)	P	bromoform	0.432	0.471	0.486	0.489	0.491		0.474	5.20
55)	I	1,4-dichlorobenzene-d	----------	----------	----------	ISTD	----------	----------	----------	
56)	T	isopropylbenzene	0.351	0.398	0.365	0.390	0.393		0.380	5.41
57)	S	4-bromofluorobenzen	1.185	1.248	1.235	1.175	1.181		1.205	2.83
58)	T	bromobenzene	0.748	0.874	0.790	0.771	0.784		0.793	6.03
59)	P	1,1,2,2-tetrachloro	1.070	1.127	1.035	1.011	0.974		1.043	5.61
60)	T	1,2,3-trichloroprop	0.302	0.295	0.269	0.262	0.260		0.277	7.07
61)	T	n-propylbenzene	0.334	0.379	0.341	0.378	0.382		0.363	6.46
62)	T	2-chlorotoluene	0.472	0.545	0.478	0.524	0.546		0.513	6.97
63)	T	4-chlorotoluene	0.464	0.519	0.477	0.519	0.498		0.496	4.97
64)	T	1,3,5-trimethylbenz	0.672	0.783	0.621	0.688	0.667		0.686	8.67
65)	T	tert-butylbenzene	1.292	1.286	1.116	1.155	1.061		1.182	8.71
66)	T	1,2,4-trimethylbenz	0.835	0.900	0.780	0.798	0.748		0.812	7.19
67)	T	sec-butylbenzene	0.860	0.965	0.857	0.920	0.924		0.905	5.11
68)	T	1,3-dichlorobenzene	0.925	1.046	0.973	1.027	1.018		0.998	4.88
69)	T	4-isopropyltoluene	0.216	0.221	0.203	0.199	0.202		0.208	4.65
70)	T	1,4-dichlorobenzene	0.972	1.099	1.067	1.071	1.060		1.054	4.59
71)	T	1,2-dichlorobenzene	0.957	1.063	1.005	1.030	1.015		1.014	3.81
72)	T	n-butylbenzene	0.435	0.514	0.436	0.434	0.405		0.445	9.17
73)	T	1,2-dibromo-3-chlor	0.164	0.151	0.137	0.134	0.123		0.142	11.23
74)	T	1,2,4-trichlorobenz	0.628	0.625	0.570	0.631	0.571		0.605	5.26
75)	T	hexachlorobutadiene	0.089	0.123	0.103	0.102	0.092		0.102	13.21
76)	T	naphthalene	2.232	2.154	2.077	2.011	1.792		2.053	8.17
77)	T	1,2,3-trichlorobenz	0.578	0.639	0.544	0.572	0.526		0.572	7.51

(#) = Out of Range ### Number of calibration levels exceeded format ###

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\990929\99092901.D Vial: 1
Acq On : 29 Sep 99 9:02 am Operator: mmp
Sample : 8260 Con Cal L2 50ppb Inst : 5972 - In
Misc : 8260 Con Cal Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Thu Aug 26 13:14:21 1999
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	31#	-0.01
2	T	dichlorodifluoromethane	0.789	1.231	-55.9#	41#	-0.01
3	P	chloromethane	0.752	1.006	-33.7#	36#	-0.03
4	C	vinyl chloride*	0.908	0.867	4.6	25#	0.00
5	T	bromomethane	0.820	0.721	12.1	24#	0.00
6	T	chloroethane	0.460	0.481	-4.7	32#	-0.01
7	T	trichlorofluoromethane	1.089	2.071	-90.1#	50#	-0.01
8	CM	1,1-dichloroethene*	1.074	1.221	-13.6	30#	0.00
9	T	Iodomethane	0.615	0.015	97.5#	1#	0.00
10	T	Carbon disulfide	1.892	0.000#	100.0#	0#	-9.11#
11	T	methylene chloride	0.747	0.838	-12.2	29#	-0.01
12	T	trans-1,2-dichloroethene	0.982	1.419	-44.5#	39#	0.00
13	T	Acetone	0.037	0.000#	100.0#	0#	-8.36#
14	T	Methyl ethyl ketone*	0.061	0.000#	100.0#	0#	-10.14#
15	T	Acrolein	0.000	0.000#	0.0	0#	-8.40#
[illegible]	T	Acrylonitrile	0.000	0.000#	0.0	0#	-9.07#
[illegible]	P	1,1-dichloroethane	1.207	1.640	-35.8#	37#	-0.01
18	T	Vinyl acetate	1.108	0.122	89.0#	3#	0.01
19	T	Hexane	0.712	0.000#	100.0#	0#	-9.74#
20	T	2,2-dichloropropane	0.521	0.855	-63.9#	45#	-0.01
21	T	cis-1,2-dichloroethene	0.959	1.219	-27.2#	36#	-0.01
22	T	bromochloromethane	0.375	0.404	-7.8	29#	0.00
23	C	chloroform*	1.130	1.288	-14.0	31#	-0.01
24	S	dibromofluoromethane	0.825	1.065	-29.1#	35#	-0.01
25	T	1,1,1-trichloroethane	0.606	1.204	-98.6#	53	-0.01
26	I	1,4-difluorobenzene	1.000	1.000	0.0	28#	0.00
27	T	carbon tetrachloride*	0.293	0.615	-110.1#	52	-0.01
28	T	1,1-dichloropropene	0.382	0.579	-51.5#	38#	-0.01
29	M	benzene*	1.048	1.090	-3.9	28#	-0.01
30	T	1,2-dichloroethane*	0.599	1.305	-118.0#	56	-0.01
31	M	trichloroethene*	0.322	0.442	-37.2#	36#	-0.01
32	C	1,2-dichloropropane	0.282	0.276	2.2	26#	-0.01
33	T	dibromomethane	0.278	0.424	-52.5#	39#	-0.01
34	T	bromodichloromethane	0.435	0.723	-66.0#	43#	-0.01
35	T	2-Chloroethylvinyl ether	0.000	0.000#	0.0	0#	-12.67#
36	T	cis-1,3-dichloropropene	0.397	0.544	-37.0#	36#	0.00
37	T	4-Methyl-2-pentanone	0.362	0.496	-37.2#	45#	-0.01
38	S	toluene-d8	0.902	0.867	3.8	28#	-0.01
39	M	toluene	0.486	0.499	-2.8	29#	0.00
[illegible]	T	trans-1,3-dichloropropene	0.358	0.553	-54.2#	43#	-0.01
[illegible]	T	1,1,2-trichloroethane	0.218	0.219	-0.6	28#	-0.01
42	T	2-Hexanone	0.244	0.366	-49.9#	50#	-0.01
43	I	Chlorobenzene-d5	1.000	1.000	0.0	34#	-0.01
44	T	tetrachloroethene*	0.576	0.541	6.2	29#	0.00

45	T	1,3-dichloropropane	0.958	0.961	-0.2	32#	-0.01
46	T	dibromochloromethane	0.727	0.862	-18.6	39#	-0.01
47	T	1,2-dibromoethane	0.499	0.615	-23.2#	37#	-0.01
48	M	chlorobenzene*	1.420	1.165	17.9	28#	-0.01
49	T	1,1,1,2-tetrachloroethane	0.457	0.534	-16.8	39#	-0.01
50	C	ethylbenzene	0.540	0.466	13.7	29#	-0.01
	T	m,p-xylene	0.648	0.576	11.0	31#	-0.01
	T	o-xylene	0.643	0.548	14.9	30#	-0.01
53	T	styrene	1.150	0.961	16.4	30#	-0.01
54	P	bromoform	0.474	0.488	-2.9	35#	-0.01
55	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	32#	0.00
56	T	isopropylbenzene	0.380	0.402	-5.8	32#	-0.01
57	S	4-bromofluorobenzene	1.205	1.484	-23.2#	38#	-0.01
58	T	bromobenzene	0.793	0.817	-3.1	30#	-0.01
59	P	1,1,2,2-tetrachloroethane	1.043	0.884	15.3	25#	-0.01
60	T	1,2,3-trichloropropane	0.277	0.348	-25.4#	37#	-0.01
61	T	n-propylbenzene	0.363	0.395	-8.9	33#	-0.01
62	T	2-chlorotoluene	0.513	0.522	-1.9	30#	-0.01
63	T	4-chlorotoluene	0.496	0.521	-5.1	32#	-0.01
64	T	1,3,5-trimethylbenzene	0.686	0.838	-22.1#	34#	-0.01
65	T	tert-butylbenzene	1.182	1.755	-48.5#	43#	-0.01
66	T	1,2,4-trimethylbenzene	0.812	0.963	-18.5	34#	-0.01
67	T	sec-butylbenzene	0.905	1.323	-46.1#	43#	-0.01
68	T	1,3-dichlorobenzene	0.998	1.061	-6.3	32#	-0.01
69	T	4-isopropyltoluene	0.208	0.248	-19.3	36#	-0.01
70	T	1,4-dichlorobenzene	1.054	1.086	-3.0	31#	-0.01
71	T	1,2-dichlorobenzene	1.014	1.035	-2.0	31#	-0.01
72	T	n-butylbenzene	0.445	0.621	-39.7#	38#	-0.01
73	T	1,2-dibromo-3-chloropropane	0.142	0.108	23.5#	23#	-0.01
74	T	1,2,4-trichlorobenzene	0.605	0.388	35.8#	20#	-0.01
75	T	hexachlorobutadiene	0.102	0.117	-15.4	30#	-0.01
	T	naphthalene	2.053	0.969	52.8#	14#	-0.01
	T	1,2,3-trichlorobenzene	0.572	0.236	58.7#	12#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

990826L2.D 8260-H2O.M Thu Sep 30 10:34:23 1999 VOLATILES

Argus Analytical, Inc.

Organics QC Summary
Semivolatile Organics

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Semivolatile Organics - QC Data Package Summary
Dinoseb only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): September 24, 1999

		Surrogate Recoveries - %					
Sample #	QC Data Package Starting Page # - Prefix	2-Fluorophenol	Phenol-d5	Nitrobenzene -d5	2-Fluorobiphenyl	2,4,6-Tribromophenol	p-Terphenyl -d14
AA 80250	SV	42	40	43	63	83	103
80251	SV	50	46	50	47	97	95
80252	SV	75	69	69	71	115	98
80253	SV	73	67	68	70	102	109
80254	SV	65	61	64	67	97	104
80255	SV	74	70	69	76	110	97
80256	SV	59	57	59	64	99	93
80257	SV	61	56	60	55	79	81
80258	SV	51	46	49	45	85	98
80259	SV	41	37	39	45	55	89
80260	SV	46	42	44	55	66	93
80261	SV	37	34	37	49	60	98
80262	SV	43	41	44	44	65	115
80263	SV	47	43	47	54	61	101
80264	SV	48	44	46	55	65	89
80265	SV	65	59	60	60	90	100

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

Quantitation Report SV. 10

Data File : D:\HPCHEM\1\DATA\990928\BLK.D
Acq On : 29 Sep 99 1:22 am
Sample : dinoseb blank
Misc : water
Quant Time: Sep 29 9:29 1999

Vial: 26
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-026.M
Title :
Last Update : Thu Sep 23 08:27:09 1999
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.01	152	117078	40.00 ng	0.00
19) Naphthalene-d8	6.32	136	418390	40.00 ng	-0.01
39) Acenaphthene-d10	8.83	164	215831	40.00 ng	0.00
66) Phenanthrene-d10	11.43	188	351247	40.00 ng	-0.01
84) Chrysene-d12	17.16	240	277614	40.00 ng	-0.02
92) Perylene-d12	21.25	264	193494	40.00 ng	-0.02
System Monitoring Compounds					**%Recovery**
4) 2-Fluorophenol	3.87	112	375745	105.11 ppb	52.56%
7) Phenol-d5	4.74	99	735784	150.58 ppb	75.29%
21) Nitrobenzene-d5	5.58	82	641468	114.91 ppb	114.91%
44) 2-Fluorobiphenyl	7.80	172	871428	107.73 ppb	107.73%
72) 2,4,6-Tribromophenol	10.22	330	307348	182.34 ppb	91.17%
85) p-Terphenyl-d14	14.70	244	735623	77.26 ppb	77.26%
Target Compounds					**Qvalue**
2) n-Nitrosodimethylamine	0.00	74		Not Detected	
3) Pyridine	0.00	79		Not Detected	
5) Aniline	0.00	93		Not Detected	
6) Phenol	0.00	94		Not Detected	
8) bis(2-Chloroethyl)ether	0.00	93		Not Detected	
9) 2-Chlorophenol	0.00	128		Not Detected	
10) 1,3-Dichlorobenzene	0.00	146		Not Detected	
11) 1,4-Dichlorobenzene	0.00	146		Not Detected	
12) 1,2-Dichlorobenzene	0.00	146		Not Detected	
13) Benzyl alcohol	0.00	108		Not Detected	
14) o-Cresol	0.00	107		Not Detected	
15) bis(2-Chloroisopropyl)ethe	0.00	45		Not Detected	
16) Hexachloroethane	0.00	117		Not Detected	
17) p-Cresol	0.00	107		Not Detected	
18) N-Nitrosodipropylamine	0.00	70		Not Detected	
20) N-Nitroso-morpholine	0.00	56		Not Detected	
22) Nitrobenzene	0.00	77		Not Detected	
23) N-Nitrosopiperidine	0.00	114		Not Detected	
24) Isophorone	0.00	82		Not Detected	
25) 2-Nitrophenol	0.00	139		Not Detected	
26) 2,4-Dimethylphenol	0.00	122		Not Detected	
27) bis(2-Chloroethoxy)methane	0.00	93		Not Detected	
28) 2,4-Dichlorophenol	0.00	162		Not Detected	
29) Benzoic acid	0.00	122		Not Detected	
30) 1,2,4-Trichlorobenzene	0.00	180		Not Detected	
31) Naphthalene	0.00	128		Not Detected	
32) 2,6-Dichlorophenol	0.00	162		Not Detected	
33) 4-Chloroaniline	0.00	127		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

SV. 11

Data File : D:\HPCHEM\1\DATA\990928\BLK.D
Acq On : 29 Sep 99 1:22 am
Sample : dinoseb blank
Misc : water
Quant Time: Sep 29 9:29 1999

Vial: 26
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-026.M
Title :
Last Update : Thu Sep 23 08:27:09 1999
Response via : Multiple Level Calibration

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34) Hexachlorobutadiene	0.00	225		Not Detected	
35) N-Nitrosodi-n-butylamine	0.00	84		Not Detected	
36) 4-Chloro-3-methylphenol	0.00	107		Not Detected	
37) 1-Methylnaphthalene	0.00	142		Not Detected	
38) 2-Methylnaphthalene	0.00	142		Not Detected	
40) 1,2,4,5-Tetrachlorobenzene	0.00	216		Not Detected	
41) Hexachlorocyclopentadiene	0.00	237		Not Detected	
42) 2,4,6-Trichlorophenol	0.00	196		Not Detected	
43) 2,4,5-Trichlorophenol	0.00	196		Not Detected	
45) 1-Chloronaphthalene	0.00	162		Not Detected	
46) 2-Chloronaphthalene	0.00	162		Not Detected	
47) 2-Nitroaniline	0.00	65		Not Detected	
48) Acenaphthylene	0.00	152		Not Detected	
49) Dimethyl phthalate	0.00	163		Not Detected	
50) 2,4-Dinitrotoluene	0.00	165		Not Detected	
51) 3-Nitroaniline	0.00	138		Not Detected	
52) Acenaphthene	0.00	154		Not Detected	
53) 2,4-Dinitrophenol	0.00	184		Not Detected	
54) Dibenzofuran	0.00	168		Not Detected	
55) Pentachlorobenzene	0.00	250		Not Detected	
56) 4-Nitrophenol	0.00	139		Not Detected	
57) 1-Naphthylamine	0.00	143		Not Detected	
58) 2,6-Dinitrotoluene	0.00	165		Not Detected	
59) 2-Naphthylamine	0.00	143		Not Detected	
60) 2,3,4,6-Tetrachlorophenol	0.00	232		Not Detected	
61) Fluorene	0.00	166		Not Detected	
62) 4-Chlorophenyl phenyl ethe	0.00	204		Not Detected	
63) Diethyl phthalate	0.00	149		Not Detected	
64) Azobenzene	0.00	77		Not Detected	
65) 4-Nitroaniline	0.00	138		Not Detected	
67) 4,6-Dinitro-2-methylphenol	0.00	198		Not Detected	
68) Diphenylamine	0.00	169		Not Detected	
69) N-Nitrosodiphenylamine	0.00	169		Not Detected	
70) 1,2-Diphenylhydrazine	10.12	77	1681	0.15 ppb #	17
71) p-Phenylenediamine	0.00	108		Not Detected	
73) 4-Bromophenyl phenyl ether	0.00	248		Not Detected	
74) 1,3,5-Trinitrobenzene	0.00	75		Not Detected	
75) Hexachlorobenzene	0.00	284		Not Detected	
76) 4-Aminobiphenyl	0.00	169		Not Detected	
77) Pentachlorophenol	0.00	266		Not Detected	
78) Pentachloronitrobenzene	0.00	237		Not Detected	
79) Phenanthrene	0.00	178		Not Detected	
80) Anthracene	0.00	178		Not Detected	
81) Di-n-butyl phthalate	12.85	149	43800	3.12 ppb	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

SV.12

Data File : D:\HPCHEM\1\DATA\990928\BLK.D
Acq On : 29 Sep 99 1:22 am
Sample : dinoseb blank
Misc : water
Quant Time: Sep 29 9:29 1999

Vial: 26
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-026.M
Title :
Last Update : Thu Sep 23 08:27:09 1999
Response via : Multiple Level Calibration

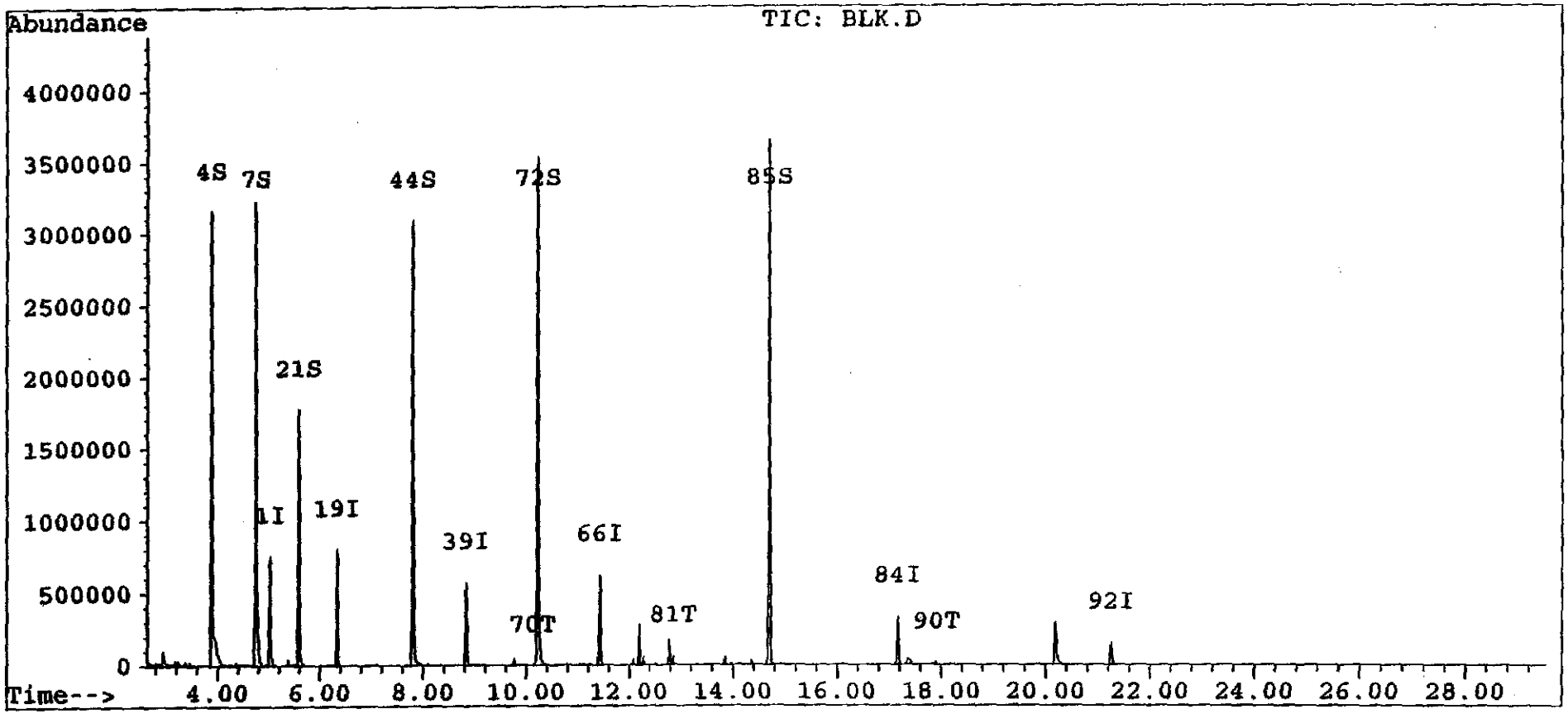
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
82)	Fluoranthene	0.00	202		Not Detected	
83)	Pyrene	0.00	202		Not Detected	
86)	p-Dimethylaminoazobenzene	0.00	225		Not Detected	
87)	Butyl benzyl phthalate	0.00	149		Not Detected	
88)	Benzo(a)anthracene	0.00	228		Not Detected	
89)	Chrysene	0.00	228		Not Detected	
90)	bis(2-Ethylhexyl) phthalat	17.90	149	13213	1.41 ppb #	89
91)	Di-n-octyl phthalate	0.00	149		Not Detected	
93)	Benzo(b)fluoranthene	0.00	252		Not Detected	
94)	Benzo(k)fluoranthene	0.00	252		Not Detected	
95)	7,12-dimethylbenz[a]anthra	0.00	126		Not Detected	
96)	Benzo(a)pyrene	0.00	252		Not Detected	
97)	3-Methylcholanthrene	0.00	268		Not Detected	
98)	Indeno(1,2,3-cd)pyrene	0.00	276		Not Detected	
99)	Dibenzo(a,h)anthracene	0.00	278		Not Detected	
100)	Benzo(g,h,i)perylene	0.00	276		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPCHEM\1\DATA\990928\BLK.D
Acq On : 29 Sep 99 1:22 am
Sample : dinoseb blank
Misc : water
Quant Time: Sep 29 9:29 1999

Vial: 26
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-026.M
Title :
Last Update : Thu Sep 23 08:27:09 1999
Response via : Multiple Level Calibration



SV.13

Spike Recovery and RPD Summary Report - WATER

SV, 20

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Fri Oct 01 11:03:44 1999
Response via : Initial Calibration

Non-Spiked Sample: BLK.D

Spike Sample	Spike Duplicate Sample
File ID : MS.D	MSD.D
Sample : dinoseb ms	dinoseb msd
Acq Time: 29 Sep 99 1:59 am	29 Sep 99 2:35 am

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	200	124	111	62	56	11	42	12-110
2-Chlorophenol	0.0	200	150	133	75	67	11	40	27-123
1,4-Dichlorobenzene	0.0	100	59	54	59	54	10	28	36- 97
N-Nitrosodipropylami	0.0	100	67	59	67	59	13	38	41-116
1,2,4-Trichlorobenze	0.0	100	70	63	70	63	11	28	39- 98
4-Chloro-3-methylphe	0.0	200	134	114	67	57	16	42	23- 97
2,4-Dinitrotoluene	0.0	100	75	68	75	68	9	38	24- 96
Acenaphthene	0.0	100	66	60	66	60	9	31	46-118
4-Nitrophenol	0.0	200	146	135	73	67	8	50	10- 80
Pentachlorophenol	0.0	200	175	162	88	81	8	50	9-103
Pyrene	0.0	100	77	73	77	73	5	31	26-127

8270-027.M Fri Oct 01 14:08:38 1999

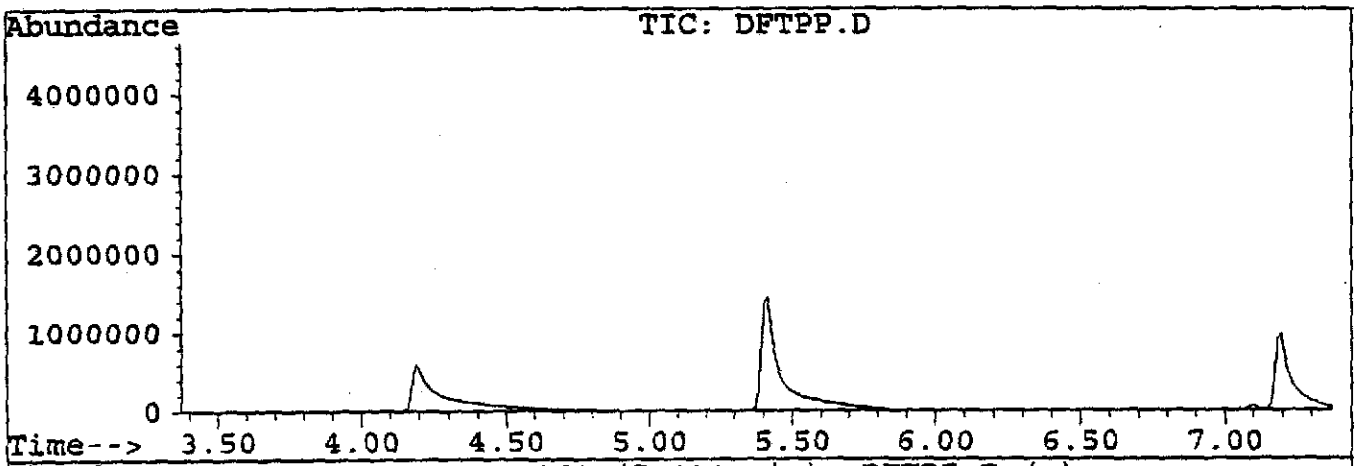
SV.40

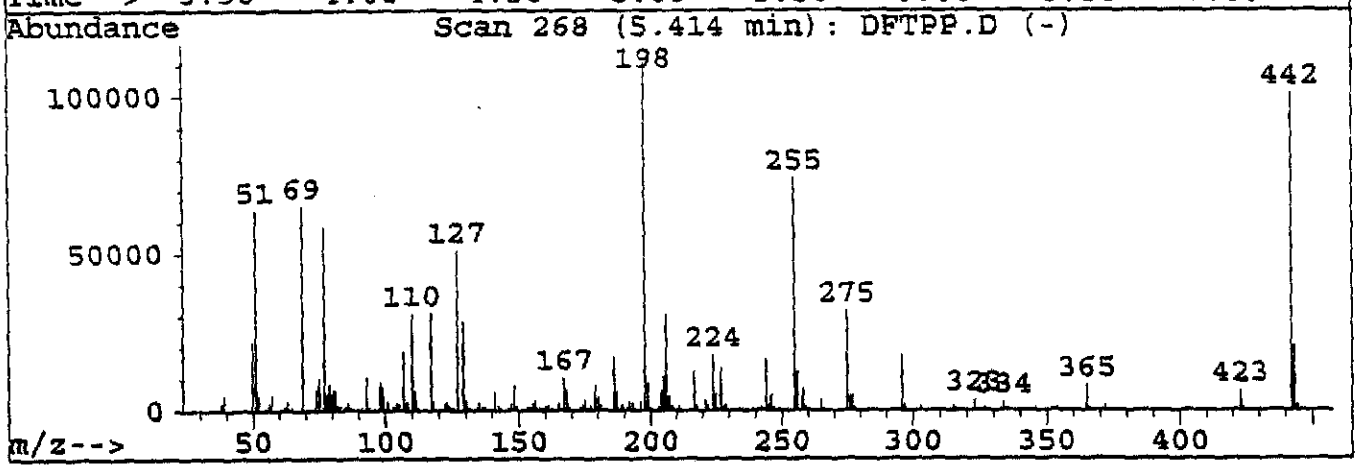
DFTPP

Data File : D:\HPCHEM\1\DATA\990929\DFTPP.D
Acq On : 29 Sep 99 1:44 pm
Sample : tune check
Misc :

Vial: 2
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\DINO-SIM.M
Title :





Peak Apex is scan: 264

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	57.6	64168	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	58.7	65435	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	46.1	51395	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	111398	PASS
199	198	5	9	7.9	8839	PASS
275	198	10	30	28.7	32012	PASS
365	198	1	100	7.3	8181	PASS
441	443	0	100	0.0	0	PASS
442	198	40	100	90.8	101148	PASS
443	442	17	23	20.6	20856	PASS

DFTPP.D DINO-SIM.M Wed Sep 29 14:00:16 1999

SV.50

Response Factor Report 5972 - In

initial calibration

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)	T	n-Nitrosodimethylamin	1.278	1.075	1.223	1.291	1.272	1.228	7.29
3)	T	Pyridine	1.507	1.319	1.388	1.495	1.455	1.433	5.50
4)	S	2-Fluorophenol	2.695	2.412	2.476	2.618	2.672	2.575	4.83
5)	T	Aniline	3.545	3.351	3.946	4.154	3.971	3.793	8.77
6)	CMT	Phenol	3.922	4.031	4.484	4.902	4.750	4.418	9.77
7)	S	Phenol-d5	3.449	3.460	3.913	4.297	4.379	3.899	11.35
8)	T	bis(2-Chloroethyl)eth	3.367	3.341	3.283	3.306	3.437	3.347	1.79
9)	MT	2-Chlorophenol	2.797	2.553	2.686	2.794	2.863	2.739	4.44
10)	T	1,3-Dichlorobenzene	2.961	3.682	2.920	3.072	3.054	3.138	9.90
11)	CMT	1,4-Dichlorobenzene	2.961	3.682	3.911	4.012	4.008	3.715	11.90
12)	T	1,2-Dichlorobenzene	3.221	3.055	3.397	3.804	3.958	3.487	11.00
13)	T	Benzyl alcohol	1.650	1.600	1.780	2.030	2.035	1.819	11.31
14)	T	o-Cresol	2.370	2.232	2.424	2.598	2.677	2.460	7.26
15)	T	bis(2-Chloroisopropyl	5.361	4.978	5.321	5.451	5.549	5.332	4.06
16)	T	Hexachloroethane	1.923	1.788	1.973	2.105	2.178	1.994	7.70
[illegible])	T	p-Cresol	3.192	3.159	3.568	3.753	3.827	3.500	8.89
[illegible]8)	MPT	N-Nitrosodipropylamin	2.896	2.664	2.971	3.101	3.038	2.934	5.76
19)	I	Naphthalene-d8	----------ISTD----------						
20)		N-Nitroso-morpholine	0.080	0.073	0.080	0.086	0.086	0.081	6.87
21)	S	Nitrobenzene-d5	1.201	1.154	1.161	1.227	1.218	1.192	2.77
22)	T	Nitrobenzene	1.240	1.166	1.235	1.291	1.309	1.248	4.48
23)	T	N-Nitrosopiperidine						0.000#	-1.00
24)	T	Isophorone	2.013	1.940	1.940	1.993	1.929	1.963	1.91
25)	CT	2-Nitrophenol	0.548	0.441	0.470	0.518	0.525	0.500	8.79
26)	T	2,4-Dimethylphenol	0.671	0.693	0.764	0.842	0.858	0.766	11.08
27)	T	bis(2-Chloroethoxy)me	1.016	1.019	1.089	1.159	1.199	1.097	7.47
28)	CT	2,4-Dichlorophenol	0.631	0.674	0.784	0.862	0.901	0.770	15.13
29)	T	Benzoic acid	0.374	0.325	0.327	0.388	0.458	0.374	14.55
30)	MT	1,2,4-Trichlorobenzen	0.770	0.779	0.846	0.934	0.975	0.861	10.65
31)	T	Naphthalene	2.371	2.425	2.704	2.892	2.949	2.668	9.88
32)	T	2,6-Dichlorophenol	0.634	0.674	0.784	0.862	0.901	0.771	14.99
33)	T	4-Chloroaniline	0.649	0.616	0.741	0.879	0.916	0.760	17.65
34)	CT	Hexachlorobutadiene	0.626	0.653	0.709	0.769	0.787	0.709	9.94
35)	T	N-Nitrosodi-n-butylam						0.000#	-1.00
36)	CMT	4-Chloro-3-methylphen	0.800	0.792	0.845	0.915	0.935	0.857	7.61
37)		1-Methylnaphthalene	1.494	1.550	1.744	1.897	1.907	1.719	11.15
38)	T	2-Methylnaphthalene	1.501	1.550	1.744	1.897	1.907	1.720	11.02
39)	I	Acenaphthene-d10	----------ISTD----------						
[illegible]0)	T	1,2,4,5-Tetrachlorobe						0.000#	-1.00
[illegible]1)	PT	Hexachlorocyclopentad	0.992	1.078	1.219	1.284	1.218	1.158	10.31

(#) = Out of Range

SV.51

Response Factor Report 5972 - In

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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	0.783	0.853	0.983	1.155	1.191	0.993	18.11
43)	T	2,4,5-Trichlorophenol	0.943	0.938	1.084	1.207	1.299	1.094	14.59
44)	S	2-Fluorobiphenyl	3.066	3.287	3.705	4.183	4.252	3.699	14.25
45)	T	1-Chloronaphthalene	2.536	2.684	3.067	3.408	3.484	3.036	13.91
46)	T	2-Chloronaphthalene	2.536	2.684	3.067	3.408	3.484	3.036	13.91
47)	T	2-Nitroaniline	1.198	1.134	1.160	1.232	1.225	1.190	3.55
48)	T	Acenaphthylene	4.135	4.269	4.857	5.243	5.746	4.850	13.85
49)	T	Dimethyl phthalate	3.418	3.449	3.743	4.034	4.261	3.781	9.69
50)	MT	2,4-Dinitrotoluene	0.973	0.993	1.054	1.144	1.135	1.060	7.43
51)	T	3-Nitroaniline	0.634	0.628	0.692	0.792	0.766	0.702	10.66
52)	CMT	Acenaphthene	2.396	2.591	3.127	3.419	3.710	3.048	18.08
53)	PT	2,4-Dinitrophenol	0.308	0.348	0.392	0.427	0.407	0.377	12.78
54)	T	Dibenzofuran	3.530	3.728	4.192	4.653	4.705	4.161	12.75
55)	T	Pentachlorobenzene						0.000#	-1.00
56)	MPT	4-Nitrophenol	0.131	0.132	0.136	0.158	0.165	0.145	10.86
57)	T	1-Naphthylamine						0.000#	-1.00
58)	T	2,6-Dinitrotoluene	0.739	0.764	0.814	0.869	0.884	0.814	7.77
[illegible])	T	2-Naphthylamine						0.000#	-1.00
[illegible])	T	2,3,4,6-Tetrachloroph						0.000#	-1.00
61)	T	Fluorene	3.125	3.504	3.949	4.186	4.340	3.821	13.11
62)	T	4-Chlorophenyl phenyl	1.433	1.688	1.899	1.790	1.920	1.746	11.35
63)	T	Diethyl phthalate	4.308	4.695	5.214	5.595	5.946	5.152	12.84
64)		Azobenzene	4.952	4.944	5.244	5.907	6.026	5.414	9.60
65)	T	4-Nitroaniline	0.504	0.391	0.368	0.311	0.373	0.389	18.14
66)	I	Phenanthrene-d10	----------ISTD----------						
67)	T	4,6-Dinitro-2-methylp	0.337	0.363	0.410	0.473	0.538	0.424	19.29
68)	CT	Diphenylamine	1.267	1.274	1.497	1.734	1.912	1.537	18.50
69)	T	N-Nitrosodiphenylamin	1.267	1.274	1.497	1.734	1.912	1.537	18.50
70)	T	1,2-Diphenylhydrazine	3.199	3.145	3.425	3.755	3.857	3.476	9.23
71)		p-Phenylenediamine	0.562	0.418	0.373	0.383	0.420	0.431	17.60
72)	S	2,4,6-Tribromophenol	0.368	0.441	0.479	0.495	0.497	0.456	11.90
73)	T	4-Bromophenyl phenyl	0.509	0.538	0.641	0.685	0.733	0.621	15.37
74)		1,3,5-Trinitrobenzene						0.000#	-1.00
75)	T	Hexachlorobenzene	0.755	0.790	0.915	1.017	1.056	0.906	14.72
76)	T	4-Aminobiphenyl				0.002		0.002#	0.00
77)	CMT	Pentachlorophenol	0.554	0.598	0.658	0.818	0.900	0.706	20.93
78)	T	Pentachloronitrobenze						0.000#	-1.00
79)	T	Phenanthrene	2.529	2.661	3.005	3.299	3.419	2.983	12.98
80)	T	Anthracene	2.547	2.643	3.067	3.343	3.429	3.006	13.30
81)	T	Di-n-butyl phthalate	4.096	4.166	4.521	4.714	4.760	4.451	6.89
82)	CT	Fluoranthene	2.640	2.667	2.754	3.204	3.336	2.920	11.14
[illegible])	TM	Pyrene	2.596	2.591	2.635	3.076	3.208	2.821	10.53
[illegible])	I	Chrysene-d12	----------ISTD----------						

(#) = Out of Range

SV.52

Response Factor Report 5972 - In

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Thu Sep 30 13:34:55 1999
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	2.749	3.024	3.557	3.367	3.594	3.259	11.15
86)	T	p-Dimethylaminoazoben						0.000#	-1.00
87)	T	Butyl benzyl phthalat	2.126	2.229	2.406	2.264	2.357	2.276	4.82
88)	T	Benzo(a)anthracene	2.636	2.609	2.683	2.807	2.899	2.727	4.50
89)	T	Chrysene	2.540	2.600	2.729	3.120	3.244	2.847	11.13
90)	T	bis(2-Ethylhexyl) pht	2.844	3.042	3.308	3.180	3.369	3.148	6.71
91)	CT	Di-n-octyl phthalate	4.220	4.393	4.441	4.580	4.730	4.473	4.32
92)	I	Perylene-d12	----------ISTD----------						
93)	T	Benzo(b)fluoranthene	2.903	2.873	3.011	3.484	3.992	3.253	14.78
94)	T	Benzo(k)fluoranthene	2.814	2.798	2.917	2.995	2.885	2.882	2.77
95)		7,12-dimethylbenz[a]a	0.236	0.242	0.256	0.287	0.307	0.266	11.39
96)	CT	Benzo(a)pyrene	2.443	2.420	2.539	2.805	2.867	2.615	7.96
97)	T	3-Methylcholanthrene						0.000#	-1.00
98)	T	Indeno(1,2,3-cd)pyren	1.759	1.776	1.938	2.044	2.031	1.909	7.14
99)	T	Dibenzo(a,h)anthracen	1.677	1.724	1.911	2.072	2.110	1.899	10.35
100)	T	Benzo(g,h,i)perylene	1.767	1.753	1.915	1.983	1.959	1.875	5.78

(#) = Out of Range

Continuing Calibration Report 5972 - In

SV.60

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Fri Oct 01 14:11:54 1999
Response via : Initial Calibration

9/29/99

Continuing Calibration File: STD80.D

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	100
2	T	n-Nitrosodimethylamine	1.228	1.223	0.4	100
3	T	Pyridine	1.433	1.388	3.1	100
4	S	2-Fluorophenol	2.575	2.476	3.8	100
5	T	Aniline	3.793	3.946	-4.0	100
6	CMT	Phenol	4.418	4.484	-1.5	100
7	S	Phenol-d5	3.899	3.913	-0.3	100
8	T	bis(2-Chloroethyl)ether	3.347	3.283	1.9	100
9	MT	2-Chlorophenol	2.739	2.686	1.9	100
10	T	1,3-Dichlorobenzene	2.953	2.920	1.1	100
11	CMT	1,4-Dichlorobenzene	3.896	3.911	-0.4	100
12	T	1,2-Dichlorobenzene	3.487	3.397	2.6	100
13	T	Benzyl alcohol	1.819	1.726	5.1	97
14	T	o-Cresol	2.460	2.424	1.5	100
15	T	bis(2-Chloroisopropyl)ether	5.332	5.321	0.2	100
16	T	Hexachloroethane	1.994	1.973	1.0	100
17	T	p-Cresol	3.500	3.568	-1.9	100
18	MPT	N-Nitrosodipropylamine	2.934	2.971	-1.2	100
19	I	Naphthalene-d8	1.000	1.000	0.0	100
20		N-Nitroso-morpholine	0.081	0.080	0.8	100
21	S	Nitrobenzene-d5	1.192	1.161	2.6	100
22	T	Nitrobenzene	1.248	1.235	1.1	100
23	T	N-Nitrosopiperidine	0.000	0.000#	0.0	0#
24	T	Isophorone	1.963	1.940	1.1	100
25	CT	2-Nitrophenol	0.500	0.470	6.1	100
26	T	2,4-Dimethylphenol	0.766	0.764	0.2	100
27	T	bis(2-Chloroethoxy)methane	1.097	1.089	0.7	100
28	CT	2,4-Dichlorophenol	0.770	0.784	-1.8	100
29	T	Benzoic acid	0.374	0.362	3.1	111
30	MT	1,2,4-Trichlorobenzene	0.861	0.846	1.7	100
31	T	Naphthalene	2.668	2.704	-1.3	100
32	T	2,6-Dichlorophenol	0.771	0.784	-1.7	100
33	T	4-Chloroaniline	0.760	0.741	2.5	100
34	CT	Hexachlorobutadiene	0.709	0.709	-0.1	100
35	T	N-Nitrosodi-n-butylamine	0.000	0.000#	0.0	0#
36	CMT	4-Chloro-3-methylphenol	0.857	0.845	1.5	100
37		1-Methylnaphthalene	1.719	1.744	-1.5	100
38	T	2-Methylnaphthalene	1.720	1.744	-1.4	100
39	I	Acenaphthene-d10	1.000	1.000	0.0	100
40	T	1,2,4,5-Tetrachlorobenzene	0.000	0.000#	0.0	0#
41	PT	Hexachlorocyclopentadiene	1.158	1.219	-5.2	100

(#) = Out of Range

SV.61

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Fri Oct 01 14:11:54 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	0.993	0.983	1.0	100
43	T	2,4,5-Trichlorophenol	1.094	1.084	0.9	100
44	S	2-Fluorobiphenyl	3.699	3.705	-0.2	100
45	T	1-Chloronaphthalene	3.036	3.067	-1.0	100
46	T	2-Chloronaphthalene	3.036	3.067	-1.0	100
47	T	2-Nitroaniline	1.190	1.160	2.5	100
48	T	Acenaphthylene	4.850	4.857	-0.1	100
49	T	Dimethyl phthalate	3.781	3.743	1.0	100
50	MT	2,4-Dinitrotoluene	1.060	1.054	0.5	100
51	T	3-Nitroaniline	0.702	0.512	27.1#	74
52	CMT	Acenaphthene	3.048	3.127	-2.6	100
53	PT	2,4-Dinitrophenol	0.377	0.392	-4.2	100
54	T	Dibenzofuran	4.161	4.192	-0.7	100
55	T	Pentachlorobenzene	0.000	0.000#	0.0	0#
56	MPT	4-Nitrophenol	0.516	0.476	7.8	100
57	T	1-Naphthylamine	0.000	0.000#	0.0	0#
58	T	2,6-Dinitrotoluene	0.814	0.814	-0.0	100
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	3.821	3.949	-3.4	100
62	T	4-Chlorophenyl phenyl ether	1.746	1.899	-8.8	100
63	T	Diethyl phthalate	5.152	5.214	-1.2	100
64		Azobenzene	5.414	5.244	3.1	100
65	T	4-Nitroaniline	0.389	0.375	3.6	102
66	I	Phenanthrene-d10	1.000	1.000	0.0	100
67	T	4,6-Dinitro-2-methylphenol	0.424	0.410	3.3	100
68	CT	Diphenylamine	1.537	1.497	2.6	100
69	T	N-Nitrosodiphenylamine	1.537	1.497	2.6	100
70	T	1,2-Diphenylhydrazine	3.476	3.425	1.5	100
71		p-Phenylenediamine	0.431	0.387	10.2	104
72	S	2,4,6-Tribromophenol	0.456	0.479	-5.1	100
73	T	4-Bromophenyl phenyl ether	0.621	0.641	-3.2	100
74		1,3,5-Trinitrobenzene	0.000	0.000#	0.0	0#
75	T	Hexachlorobenzene	0.906	0.915	-1.0	100
76	T	4-Aminobiphenyl	0.000	0.000#	0.0	0#
77	CMT	Pentachlorophenol	0.706	0.658	6.7	100
78	T	Pentachloronitrobenzene	0.000	0.000#	0.0	0#
79	T	Phenanthrene	2.983	3.005	-0.7	100
80	T	Anthracene	3.006	3.067	-2.0	100
81	T	Di-n-butyl phthalate	4.451	4.521	-1.6	100
82	CT	Fluoranthene	2.920	2.754	5.7	100
83	TM	Pyrene	2.821	2.635	6.6	100

(#) = Out of Range

SV.62

Method : D:\HPCHEM\1\METHODS\8270-027.M
Title :
Last Update : Fri Oct 01 14:11:54 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	100
85	S	p-Terphenyl-d14	3.259	3.557	-9.2	100
86	T	p-Dimethylaminoazobenzene	0.000	0.000#	0.0	0#
87	T	Butyl benzyl phthalate	2.276	2.406	-5.7	100
88	T	Benzo(a)anthracene	2.727	2.683	1.6	100
89	T	Chrysene	2.847	2.729	4.1	100
90	T	bis(2-Ethylhexyl) phthalate	3.148	3.308	-5.1	100
91	CT	Di-n-octyl phthalate	4.473	4.441	0.7	100
92	I	Perylene-d12	1.000	1.000	0.0	100
93	T	Benzo(b)fluoranthene	3.253	3.011	7.4	100
94	T	Benzo(k)fluoranthene	2.882	2.917	-1.2	100
95		7,12-dimethylbenz[a]anthracen	0.266	0.256	3.8	100
96	CT	Benzo(a)pyrene	2.615	2.539	2.9	100
97	T	3-Methylcholanthrene	0.000	0.000#	0.0	0#
98	T	Indeno(1,2,3-cd)pyrene	1.909	1.938	-1.5	100
99	T	Dibenzo(a,h)anthracene	1.899	1.911	-0.6	100
100	T	Benzo(g,h,i)perylene	1.875	1.915	-2.1	100

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Organics QC Summary
Pesticides

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Pesticides - QC Data Package Summary
Toxaphene Only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): September 24, 1999

Sample #	QC Data Package Starting Page # Prefix	Surrogate Recoveries - % TCMX	DCB
AA 80250	990930	85	101
80251	990930	92	102
80252	990930	94	102
80253	990930	83	108
80254	990930	102	113
80255	990930	97	111
80256	990930	89	111
80257	990930	89	115
80258	990930	92	109
80259	990930	92	113
80260	990930	91	110
80261	990930	81	112
80262	990930	99	115
80263	990930	100	115
80264	990930	99	119
80265	990930	107	115

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\990930\99093002.D Vial: 2
Signal #2 : C:\HPCHEM\6\DATA\990930\99093002.D\CONFIRM.D
Acq On : 30 Sep 99 10:10 AM Operator: mmp
Sample : Pest Blank Inst : HP-2
Misc : Pest Blank Multiplr: 1.00
Quant Time: Sep 30 10:53 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 10:52:04 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

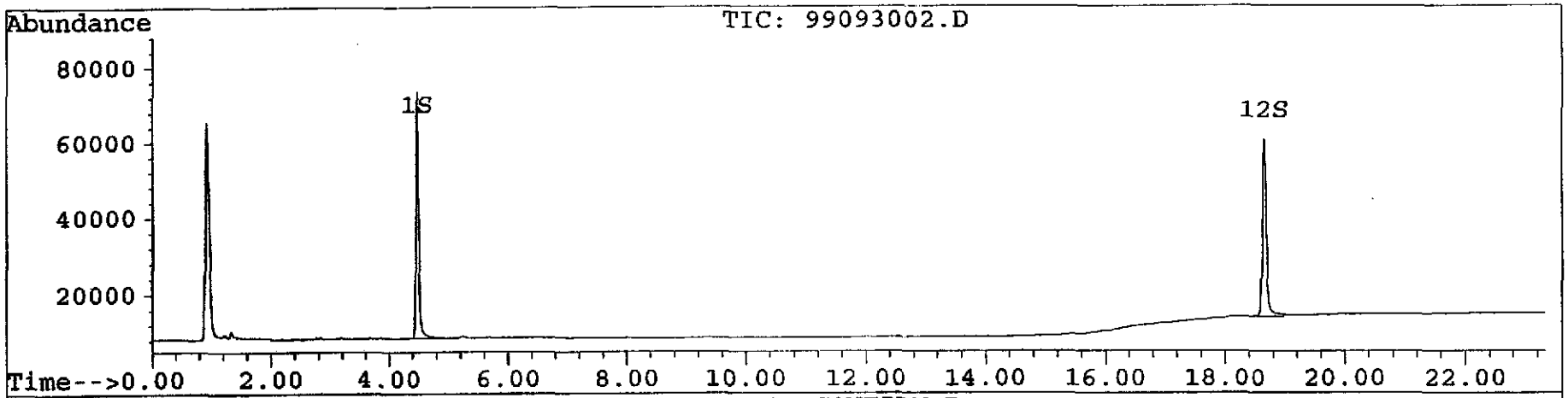
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.48f	5.94f	2120275	3012253	91.418	108.904
			Recovery	=	91.42%	108.90%
12) S DCB	18.66f	20.46f	2134122	3151020	98.573m	121.463m
			Recovery	=	98.57%	121.46%
Target Compounds						
2) L1 Chlordane	0.00	0.00	0	0	N.D.	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.	N.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.	N.D.
8) L2 Toxaphene {2}	0.00	0.00	0	0	N.D.	N.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.	N.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

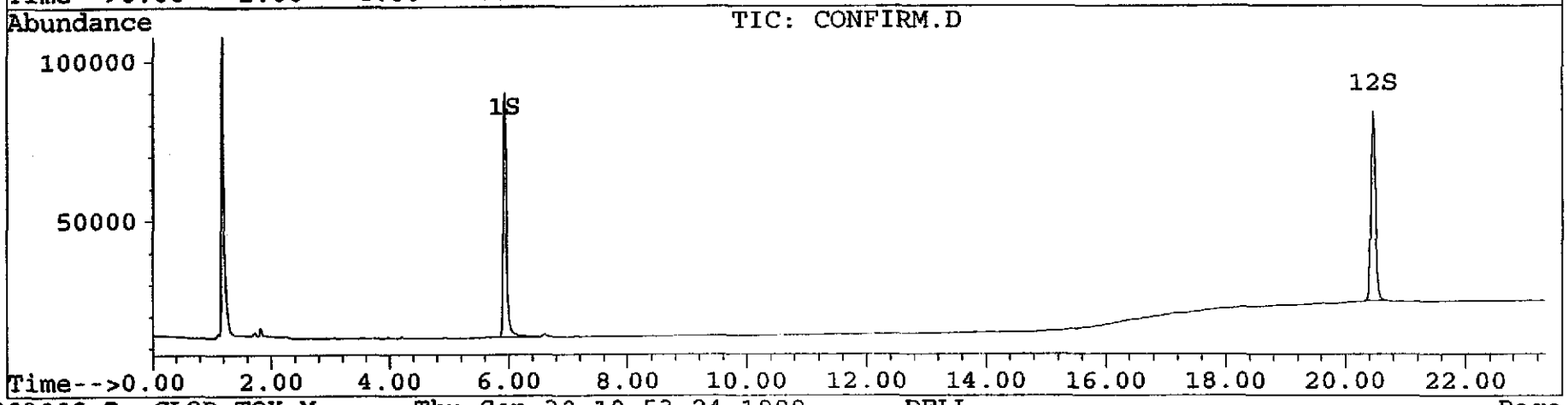
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : C:\HPCHEM\6\DATA\990930\99093002.D Vial: 2
Signal #2 : C:\HPCHEM\6\DATA\990930\99093002.D\CONFIRM.D
Acq On : 30 Sep 99 10:10 AM Operator: mmp
Sample : Pest Blank Inst : HP-2
Misc : Pest Blank Multiplr: 1.00
Quant Time: Sep 30 10:53 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 10:52:04 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





990930.11

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 12:43:43 1999
Response via : Initial Calibration

Non-Spiked Sample: 99093003.D

	Spike Sample	Spike Duplicate Sample
File ID :	99093004.D	99093005.D
Sample :	AA80251 10mL Toxaphene MS	AA80252 10mL Toxaphene
Acq Time:	30 Sep 99 11:04 AM	30 Sep 99 11:31 AM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Toxaphene	0.0	10	11	11	110	110	0	15	60-140

CLOR-TOX.M Thu Sep 30 13:49:51 1999 DELL

Response Factor Report HP-2

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 10:52:04 1999
Response via : Initial Calibration

Calibration Files
1 =990825L1.D 2 =990825L2.D 3 =990825L3.D
4 =990825L4.D 5 =990825L5.D

		Compound	1	2	3	4	5	Avg		%RSD
1)	S	TCMX	25.1	23.3	23.7	22.8	21.1	23.2	E3	6.31
2)	L1	Chlordane	942.5	881.8	875.8	885.8	913.3	899.8		3.10
3)	L1	Chlordane {2}	1.3	1.2	1.2	1.3	1.4	1.3	E3	4.41
4)	L1	Chlordane {3}	1.3	1.1	1.1	1.0	1.0	1.1	E3	8.23
5)	L1	Chlordane {4}	3.0	3.1	3.1	3.3	3.3	3.1	E3	4.44
6)	L1	Chlordane {5}	2.4	2.3	2.3	2.4	2.4	2.4	E3	2.14
7)	L2	Toxaphene	676.2	871.4	849.5	817.6	800.1	803.0		9.47
8)	L2	Toxaphene {2}	1.3	1.7	1.6	1.5	1.5	1.5	E3	9.64
9)	L2	Toxaphene {3}	205.3	212.1	224.5	248.5	250.8	228.2		9.09
10)	L2	Toxaphene {4}	295.4	357.2	383.1	346.0	353.8	347.1		9.24
11)	L2	Toxaphene {5}	392.8	461.4	510.2	486.6	486.3	467.5		9.66
12)	S	DCB	21.1	22.9	22.5	21.0	20.8	21.7	E3	4.65

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	28.9	28.0	27.9	27.3	26.1	27.7	E3	3.69
2)	L1	Chlordane	784.1	759.9	775.1	797.2	823.9	788.0		3.07
3)	L1	Chlordane {2}	1.7	1.7	1.7	1.7	1.8	1.7	E3	3.16
4)	L1	Chlordane {3}	2.8	3.0	3.0	3.2	3.4	3.1	E3	7.04
5)	L1	Chlordane {4}	2.4	2.8	2.8	2.9	3.0	2.8	E3	8.04
6)	L1	Chlordane {5}	2.6	3.0	2.9	3.0	3.2	2.9	E3	7.71
7)	L2	Toxaphene	930.9	1182.4	1149.1	1139.8	1128.5	1106.1		9.0
8)	L2	Toxaphene {2}	729.1	916.8	920.0	899.8	865.8	866.3		9.19
9)	L2	Toxaphene {3}	688.0	776.2	718.5	669.4	680.9	706.6		6.08
10)	L2	Toxaphene {4}	359.6	435.3	469.7	450.6	444.1	431.8		9.80
11)	L2	Toxaphene {5}	524.3	647.6	679.7	664.3	639.1	631.0		9.77
12)	S	DCB	25.4	27.7	27.2	24.9	24.4	25.9	E3	5.63

(#) = Out of Range

CLOR-TOX.M Thu Sep 30 10:53:54 1999 DELL

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\990930\99093001.D Vial: 1
Signal #2 : C:\HPCHEM\6\DATA\990930\99093001.D\CONFIRM.D
Acq On : 30 Sep 99 09:42 AM Operator: mmp
Sample : Chlor-Tox L4 1000ppb Inst : HP-2
Misc : Chlor-Tox Std @ 1000ppb Multiplr: 1.00
Quant Time: Sep 30 10:52 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 10:52:04 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

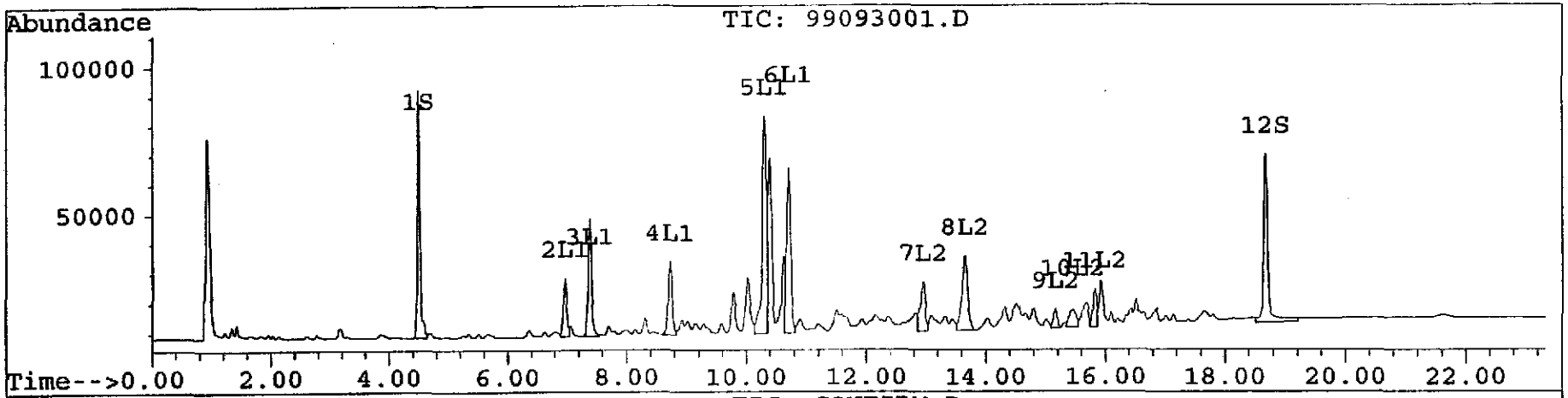
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.49	5.96	2638924	3420118	113.781	123.649
			Recovery	=	113.78%	123.65%
2) S DCB	18.68	20.49	2946593	4086778	136.100	157.534
			Recovery	=	136.10%	157.53%
Target Compounds						
2) L1 Chlordane	6.97	8.86	819243	1063302	910.437	1349.290 #
3) L1 Chlordane {2}	7.39	9.37	1658286	2266130	1308.127	1324.700
4) L1 Chlordane {3}	8.73	12.12	1185000	4292106	1077.201	1396.828
5) L1 Chlordane {4}	10.30	12.55	3750131	3761054	1193.925	1356.620
6) L1 Chlordane {5}	10.71	12.69	2777042	3886111	1159.557	1318.203
Total Chlordane			10189702	15268704	5649.247	6745.642
Average Chlordane					1129.849	1349.128
7) L2 Toxaphene	12.95	14.56	978370	1886871	1218.452	1705.804
8) L2 Toxaphene {2}	13.65	14.94	1756465	1431441	1141.405	1652.384
9) L2 Toxaphene {3}	15.17	15.55	304151	1047176	1332.558	1481.981
10) L2 Toxaphene {4}	15.45	16.01	514255	630264	1481.642	1459.482
11) L2 Toxaphene {5}	15.82	16.24	559299	1507621	1196.475	2389.338
Total Toxaphene			4112540	6503373	6370.532	8688.989
Average Toxaphene					1274.106	1737.798

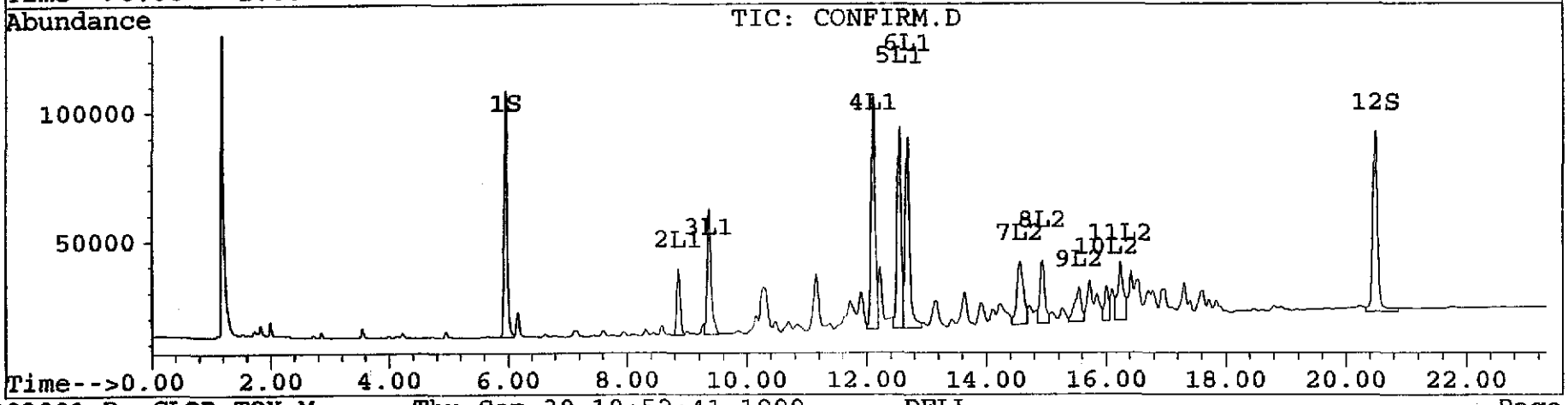
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : C:\HPCHEM\6\DATA\990930\99093001.D Vial: 1
Signal #2 : C:\HPCHEM\6\DATA\990930\99093001.D\CONFIRM.D
Acq On : 30 Sep 99 09:42 AM Operator: mmp
Sample : Chlor-Tox L4 1000ppb Inst : HP-2
Misc : Chlor-Tox Std @ 1000ppb Multiplr: 1.00
Quant Time: Sep 30 10:52 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Thu Sep 30 10:52:04 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





990930.61

Narrative

Vicksburg Chemical

1999 - Third Quarter

Ground Water Monitoring

Date(s) Sampled: 09/23/99

Date(s) Submitted to Laboratory: 09/24/99

Data Package Reported: 10/05/99

Argus Analytical, Inc. Vicksburg Chemical

Metal	Unspiked AA80250	Duplicate AA80251	Precision %	Spike Amount	Spike Results AA80252	Recovery %
Arsenic	< 0.005	< 0.005	NA	1.00	0.89	89

Blank (9/28/99 @ 8:25): < 0.005

All units: mg/L

c:\d\l\aa80250m.xls

Narrative

Samples AA80250-252 were equivalent except AA80251 and AA80252 were labeled "Dup" and "Matrix Spike". These three samples were processed as follows:

Organics.

AA80251 (Dup) and AA80252 (Matrix Spike) were spiked for volatiles, semivolatiles (dinoseb) and pesticides (toxaphene). The reported results for these samples are from the spiked samples.

The spiked results for these samples are also summarized in the attached table.

Metals.

AA80251 (Dup) was analyzed as a duplicate (no spike added). AA80252 (Matrix Spike) was spiked (arsenic) and reported on the spiked basis. The results are summarized in the attached table.

Argus Analytical, Inc. September 27, 1999

c:\d\c\narratives\aa80249.wpd

Argus Analytical, Inc.

Vicksburg Chemical

Analyte	AA80250	Units	Spike Amount	MS AA80251	Recovery %	MSD AA80252	Recovery %	Precision %
Dinoseb	0.081	mg/L	0.20	0.225	72	0.286	103	24
Toxaphene	< 1	ug/L	10.0	11.000	110	11.300	113	3
Benzene	< 0.005	mg/L	0.05	0.052	104	0.054	108	4
Chlorobenzene	< 0.005	mg/L	0.05	0.050	100	0.048	96	4
1,1-Dichloroethene	< 0.005	mg/L	0.05	0.057	114	0.055	110	4
Toluene	< 0.005	mg/L	0.05	0.057	114	0.060	120	5
Trichloroethene (TCE)	0.008	mg/L	0.05	0.057	98	0.066	116	15

d:\d\l\aa80249.xls

Toxaphene - ug/L
All other units - mg/L

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 115

Vicksburg Chemical company

FILE COPY
Warren, RCRA

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

July 12, 1999

Re: Vicksburg Chemical Company
Groundwater Monitoring, 2nd Quarter, 1999

Dear Mr. Bailey:

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. 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
6/18/99

Well No.	Water Elevation, ft. above MSL
1A	106.74
2	97.27
3	not sampled
4	106.19
5	82.5 (well dry, no sample)
6	85.47
7	89.47
8	103.66
9	109.85
10	106.45
11	96.02
12	106.24
13	109.6
14	108.19
16	108.72

Vicksburg Chemical

Date Sampled: 06/18/99

Date Reported: 06/28/99

Second Quarter Ground Water Monitoring

Argus ANALYTICAL, INC.®

Ridgeland, Mississippi

Index of Report Contents

Cross References of Sample Descriptions, Sample numbers and Dates/Times Sampled

Analytical Reports. Includes Monitoring Wells, Trip blank, Duplicate and Matrix Spike.

Chain of Custodies

Holding Time Report - Organics

Inorganic (Metals) QC Summary

Organics QC Summary - Where Appropriate: Blank results, MS/MSD results and Precision, Surrogate Recovery results, Tune Data, Initial and Continuing Calibration Summary.

- Volatiles
- Semivolatiles (dinoseb)
- Pesticides (toxaphene)

Narrative

Sample Cross References

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Sorted by Sample Description

Sample Number & Sample Description Cross Reference Argus Analytical, Inc.

Sample #	Sample Description		Collection Date	Collection Time
AA76241	Equip Blank	W	06/18/99	
AA76225	MW 1A	W	06/18/99	12:15
AA76226	MW 1A Spk	W	06/18/99	12:15
AA76227	MW 1A Spk Dup	W	06/18/99	12:15
AA76228	MW 2	W	06/18/99	10:30
AA76229	MW 4	W	06/18/99	13:30
AA76230	MW 6	W	06/18/99	11:15
AA76239	MW 7	W	06/18/99	11:30
AA76231	MW 8	W	06/18/99	10:45
AA76232	MW 9	W	06/18/99	12:45
AA76233	MW 10	W	06/18/99	11:45
AA76234	MW 11	W	06/18/99	13:15
AA76235	MW 12	W	06/18/99	11:00
AA76236	MW 13	W	06/18/99	13:00
AA76237	MW 14	W	06/18/99	12:30
AA76238	MW 16	W	06/18/99	12:00
AA76240	Trip Blank	W	06/18/99	

Analytical Reports

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 1A

Sample Matrix: WATER

Sample Number: AA76225

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	0.154	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 1A

Sample Number: AA76225

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	0.006	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 1A Spk

Sample Matrix: WATER

Sample Number: AA76226

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	1.28	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	0.163	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	9.59	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	0.059	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	0.055	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	0.055	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 1A Spk

Sample Number: AA76226

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	0.059	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	0.047	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:15
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 1A Spk Dup

Sample Matrix: WATER

Sample Number: AA76227

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	0.158	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	9.77	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	0.059	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	0.055	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	0.051	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 1A Spk Dup

Sample Number: AA76227

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	0.060	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	0.046	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 10:30
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 2

Sample Matrix: WATER

Sample Number: AA76228

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 2

Sample Number: AA76228

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 13:30
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 4

Sample Matrix: WATER

Sample Number: AA76229

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 4

Sample Number: AA76229

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 11:15
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 6

Sample Matrix: WATER

Sample Number: AA76230

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 6

Sample Number: AA76230

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 10:45
Sampled by: E. Blush

Date Received: 06/18/99

Project ID/Location: Well Samples
2nd Quarter 1999

Sample Description: MW 8

Sample Matrix: WATER

Project Number:

Sample Number: AA76231

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.047	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 8

Sample Number: AA76231

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly
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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:45
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 9

Sample Matrix: WATER

Sample Number: AA76232

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 9

Sample Number: AA76232

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 11:45
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 10

Sample Matrix: WATER

Sample Number: AA76233

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 10

Sample Number: AA76233

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E. Wolly
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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 13:15
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 11

Sample Matrix: WATER

Sample Number: AA76234

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	0.007	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 11

Sample Number: AA76234

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	0.016	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 11:00
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 12

Sample Matrix: WATER

Sample Number: AA76235

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 12

Sample Number: AA76235

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 13

Sample Matrix: WATER

Sample Number: AA76236

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 13

Sample Number: AA76236

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:30
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 14

Sample Matrix: WATER

Sample Number: AA76237

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 14

Sample Number: AA76237

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 12:00
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 16

Sample Matrix: WATER

Sample Number: AA76238

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/24/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 16

Sample Number: AA76238

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 06/28/99

Date Sampled: 06/18/99
Time Sampled: 11:30
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: MW 7

Sample Matrix: WATER

Sample Number: AA76239

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.014	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/25/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: MW 7

Sample Number: AA76239

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled:
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: Trip Blank

Sample Matrix: WATER

Sample Number: AA76240

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/25/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: Trip Blank

Sample Number: AA76240

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 06/28/99

Date Sampled: 06/18/99
Time Sampled:
Sampled by: E. Blush

Project ID/Location: Well Samples
2nd Quarter 1999

Date Received: 06/18/99

Sample Description: Equip Blank

Sample Matrix: WATER

Sample Number: AA76241

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	SM	06/22/99
Dinoseb	ND	0.001	mg/L	8270C	RLT	06/25/99
Toxaphene	ND	1	ug/L	8081A	MMP	06/23/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	06/22/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	06/22/99
Benzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromoform	ND	0.005	mg/L	8260B	MMP	06/22/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	06/22/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloroform	ND	0.005	mg/L	8260B	MMP	06/22/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	06/22/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	06/22/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	06/22/99

Sample Description: Equip Blank

Sample Number: AA76241

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	06/22/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	06/22/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	06/22/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	06/22/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	06/22/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	06/22/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	06/22/99
Styrene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Toluene	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	06/22/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	06/22/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	06/22/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	06/22/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	06/22/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

Chain of Custodies

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled:	**06/18/99**
Submitted to laboratory:	**06/18/99**
Data Package Prepared:	**06/30/99**

Argus Analytical, Inc.

T.O. # 01-07780

I / MI / NI

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

Argus Cooler #

CHAIN-OF-CUSTODY

Client Name: Vicksburg Chemical Address: PO Box 821003 V'burg MS 39182 Attn Eric Blush	Project Name/Location: Well Samples 2nd Qtr 1999 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		Mon. Well. 1A	6-18-99	12115	EB	G	6	Vol. Organic, Tox, Dinoseb, As	AA76225
2		M.W. 1A Spk		1215	EB				AA76226
3		M.W 1A Spk Dup		1215	EB				AA76227
4		M.W. 2		1030	EB				AA76228
5		M.W 4		1330	EB				AA76229
6		M.W. 6		1115	EB				AA76230
7		M.W. 8		1045	EB				AA76231
8		M.W 9		1245	EB				AA76232
9		M.W 10		1145	EB				AA76233
10		M.W 11		1315	EB				AA76234

Relinquished by	Date/time	Accepted by	Date/time	Relinquished by	Date/time	Accepted by	Date/time
Eric Blush	1617 6-18-99	J. Jones	6/18/99 16:20				
Relinquished by:	Date/time:	Accepted by	Date/time	Relinquished by	Date/time	Accepted by	Date/time

Rev 1195

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

Client Name: Vicksburg Chemical Address: PO BOX 821023 Vicksburg MS 39182 ATTN Eric Blush	Project Name/Location: Well Samples 2nd Qtr 1999 Sampler (print/signature): Eric Blush Eric Blush	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)
11		Mon. Well 12	6/18/99	1100	EB	G	6	Vol Organics Tox Pinosch As	AA76235
12		MW 13		1300	EB				AA76236
13		MW 14		1230	EB				AA76237
14		MW 16		1200	EB				AA76238
15		MW 7		1130	EB				AA76239
~~16~~		~~Outfall 001A~~		~~0235~~	~~EB~~	~~C~~	~~1~~	~~Toxaphene~~	~~AA76242~~
~~17~~		~~Outfall 001A~~		~~0235~~	~~EB~~	~~C~~	~~1~~	~~Nickel~~	~~AA76243~~
18		Trip Blank			EB	G	6	Vol Organics Tox Pinosch As	AA76240
19		Equip Blank			EB	G	6		AA76241

Relinquished by	Date/time	Accepted by	Date/time	Relinquished by	Date/time	Accepted by	Date/time
Eric Blush	1617 6-18-99	J Jones	6/18/99 16:20				
Relinquished by	Date/time	Accepted by	Date/time	Relinquished by	Date/time	Accepted by	Date/time
AA76242-3 See Separate COC & Report.							

Holding Time Report
Organics

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Holding Time Summary

Argus Analytical, Inc.

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
AA76225	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76226	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76227	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76228	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76229	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76230	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76231	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76232	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76233	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76234	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76235	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6

(1) From date of sampling

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76236	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/22/99	4
	Toxaphene	W	06/18/99	06/23/99	5
AA76237	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/23/99	5
	Toxaphene	W	06/18/99	06/23/99	5
AA76238	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/24/99	6
	Prep - Pesticides/PCBs in water	w	06/18/99	06/23/99	5
	Toxaphene	W	06/18/99	06/23/99	5
AA76239	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/25/99	7
	Prep - Pesticides/PCBs in water	w	06/18/99	06/23/99	5
	Toxaphene	W	06/18/99	06/23/99	5
AA76240	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/25/99	7
	Prep - Pesticides/PCBs in water	w	06/18/99	06/23/99	5
	Toxaphene	W	06/18/99	06/23/99	5
AA76241	Volatile Organics (Appendix I of 258)	W	06/18/99	06/22/99	4
	Prep - Acid Extractables	w	06/18/99	06/22/99	4
	Dinoseb	W	06/18/99	06/25/99	7
	Prep - Pesticides/PCBs in water	w	06/18/99	06/23/99	5
	Toxaphene	W	06/18/99	06/23/99	5

(1) From date of sampling

Inorganic (Metals) QC Summary

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

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
AA76225 Arsenic	ND	ND	ND	0	117
AA76251 Arsenic	ND	ND	ND	0	104

QC Sample Cross Reference - Inorganics

Sample number: **AA76225**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76226**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76227**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76228**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76229**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76230**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

(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: **AA76231**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76232**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76233**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76225	AS__G-26644

Sample number: **AA76234**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76235**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76236**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

(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: **AA76237**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76238**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76239**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76240**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

Sample number: **AA76241**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA76251	AS__G-26645

(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

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Volatile Organics – QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Receipt date(s): 06/18/99

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - % Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	76225	V	100	105	99
AA	76226	V	99	102	98
AA	76227	V	95	104	99
AA	76228	V	98	104	99
AA	76229	V	98	99	104
AA	76230	V	95	105	102
AA	76231	V	98	101	102
AA	76232	V	94	106	101
AA	76233	V	96	102	100
AA	76234	V	99	104	101
AA	76235	V	100	102	99
AA	76236	V	96	103	106
AA	76237	V	99	100	102
AA	76238	V	101	101	99
AA	76239	V	102	100	101
AA	76241	V	96	107	101
AA	76242	V	99	100	100

Ran 6/22/99

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

Quantitation Report V.10

Data File : C:\HPCHEM\1\DATA\990622\99062202.D Vial: 1
Acq On : 22 Jun 99 10:34 am Operator: mmp
Sample : 8260 Blank 5mL Water Inst : 5972 - In
Misc : Water : 5mL for Blank Multiplr: 1.00
Quant Time: Jun 22 10:59 1999

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	10.85	168	257727	50.00 ug/L	0.00
26) 1,4-difluorobenzene	11.81	114	415431	50.00 ug/L	0.00
43) Chlorobenzene-d5	15.32	82	146111	50.00 ug/L	0.00
55) 1,4-dichlorobenzene-d4	18.24	152	93161	50.00 ug/L	0.00
System Monitoring Compounds					**%Recovery**
24) dibromofluoromethane	10.78	113	155021	45.87 ug/L	91.73%
38) toluene-d8	13.62	98	360983	52.56 ug/L	105.12%
57) 4-bromofluorobenzene	16.72	95	109087	50.79 ug/L	101.59%
Target Compounds					**Qvalue**
2) dichlorodifluoromethane	0.00	85		Not Detected	
3) chloromethane	0.00	50		Not Detected	
4) vinyl chloride*	0.00	62		Not Detected	
5) bromomethane	0.00	94		Not Detected	
6) chloroethane	0.00	64		Not Detected	
7) trichlorofluoromethane	0.00	101		Not Detected	
8) 1,1-dichloroethene*	0.00	61		Not Detected	
9) Iodomethane	0.00	142		Not Detected	
10) Carbon disulfide	0.00	76		Not Detected	
11) methylene chloride	0.00	84		Not Detected	
12) trans-1,2-dichloroethene	0.00	61		Not Detected	
13) Acetone	0.00	58		Not Detected	
14) Methyl ethyl ketone*	0.00	72		Not Detected	
15) Acrolein	0.00	56		Not Detected	
16) Acrylonitrile	0.00	53		Not Detected	
17) 1,1-dichloroethane	0.00	63		Not Detected	
18) Vinyl acetate	0.00	43		Not Detected	
19) Hexane	0.00	57		Not Detected	
20) 2,2-dichloropropane	0.00	77		Not Detected	
21) cis-1,2-dichloroethene	0.00	61		Not Detected	
22) bromochloromethane	0.00	128		Not Detected	
23) chloroform*	0.00	83		Not Detected	
25) 1,1,1-trichloroethane	0.00	97		Not Detected	
27) carbon tetrachloride*	0.00	117		Not Detected	
28) 1,1-dichloropropene	0.00	75		Not Detected	
29) benzene*	0.00	78		Not Detected	
30) 1,2-dichloroethane*	0.00	62		Not Detected	
31) trichloroethene*	0.00	95		Not Detected	
32) 1,2-dichloropropane	0.00	63		Not Detected	
33) dibromomethane	0.00	93		Not Detected	
34) bromodichloromethane	0.00	83		Not Detected	
35) 2-Chloroethylvinyl ether	0.00	63		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\990622\99062202.D
Acq On : 22 Jun 99 10:34 am
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL for Blank
Quant Time: Jun 22 10:59 1999

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Multiple Level Calibration

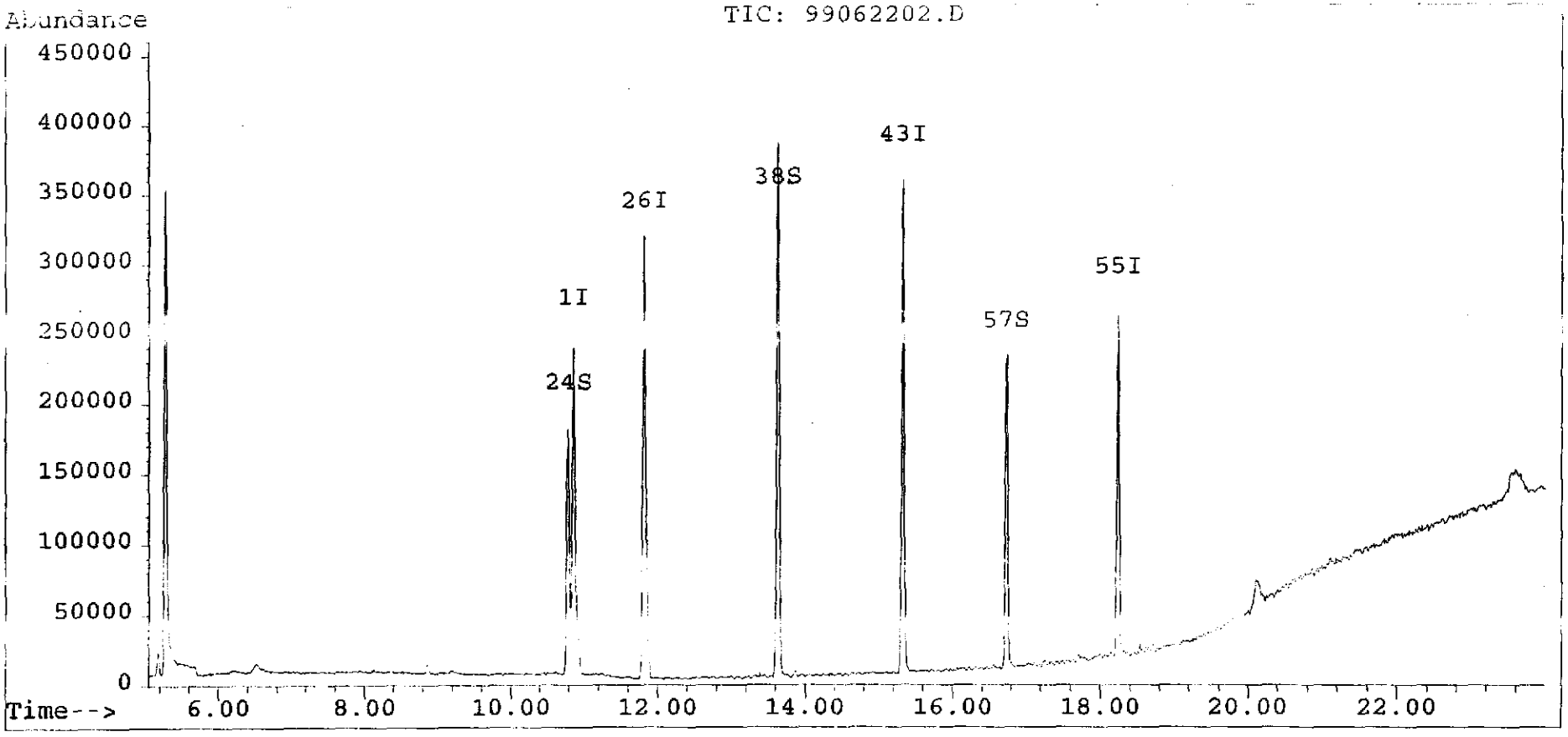
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) cis-1,3-dichloropropene	0.00	75		Not Detected	
37) 4-Methyl-2-pentanone	0.00	43		Not Detected	
39) toluene	0.00	92		Not Detected	
40) trans-1,3-dichloropropene	0.00	75		Not Detected	
41) 1,1,2-trichloroethane	0.00	83		Not Detected	
42) 2-Hexanone	0.00	43		Not Detected	
44) tetrachloroethene*	0.00	166		Not Detected	
45) 1,3-dichloropropane	0.00	76		Not Detected	
46) dibromochloromethane	0.00	129		Not Detected	
47) 1,2-dibromoethane	0.00	107		Not Detected	
48) chlorobenzene*	0.00	112		Not Detected	
49) 1,1,1,2-tetrachloroethane	0.00	131		Not Detected	
50) ethylbenzene	0.00	106		Not Detected	
51) m,p-xylene	0.00	106		Not Detected	
52) o-xylene	0.00	106		Not Detected	
53) styrene	0.00	104		Not Detected	
54) bromoform	0.00	173		Not Detected	
56) isopropylbenzene	0.00	120		Not Detected	
58) bromobenzene	0.00	158		Not Detected	
59) 1,1,2,2-tetrachloroethane	0.00	83		Not Detected	
60) 1,2,3-trichloropropane	0.00	110		Not Detected	
61) n-propylbenzene	0.00	120		Not Detected	
62) 2-chlorotoluene	0.00	126		Not Detected	
63) 4-chlorotoluene	0.00	126		Not Detected	
64) 1,3,5-trimethylbenzene	0.00	120		Not Detected	
65) tert-butylbenzene	0.00	119		Not Detected	
66) 1,2,4-trimethylbenzene	0.00	120		Not Detected	
67) sec-butylbenzene	0.00	105		Not Detected	
68) 1,3-dichlorobenzene	0.00	146		Not Detected	
69) 4-isopropyltoluene	0.00	134		Not Detected	
70) 1,4-dichlorobenzene	0.00	146		Not Detected	
71) 1,2-dichlorobenzene	0.00	146		Not Detected	
72) n-butylbenzene	0.00	92		Not Detected	
73) 1,2-dibromo-3-chloropropan	0.00	157		Not Detected	
74) 1,2,4-trichlorobenzene	0.00	180		Not Detected	
75) hexachlorobutadiene	0.00	225		Not Detected	
76) naphthalene	0.00	128		Not Detected	
77) 1,2,3-trichlorobenzene	0.00	180		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\990622\99062202.D
Acq On : 22 Jun 99 10:34 am
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL for Blank
Quant Time: Jun 22 10:59 1999

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Multiple Level Calibration



V.12

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Initial Calibration

Non-Spiked Sample: 99062203.D

	Spike Sample	Spike Duplicate Sample
File ID :	99062204.D	99062205.D
Sample :	AA76226 5mL Water MS	AA76227 5mL Water MSD
Acq Time:	22 Jun 99 11:36 am	22 Jun 99 12:07 pm

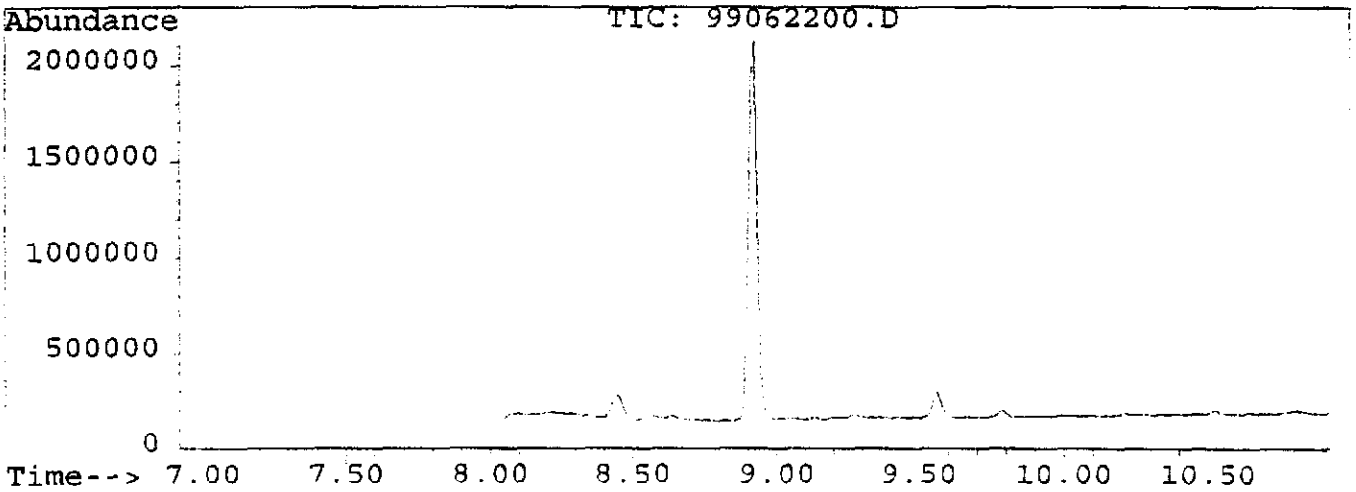
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene*	0.0	50	55	51	110	102	8	14	61-145
benzene*	0.3	50	59	59	117	117	0	11	76-127
trichloroethene*	6.4	50	47	46	82	79	3	14	71-120
toluene	0.0	50	59	60	117	120	3	13	76-125
chlorobenzene*	0.3	50	55	55	110	110	0	13	75-130

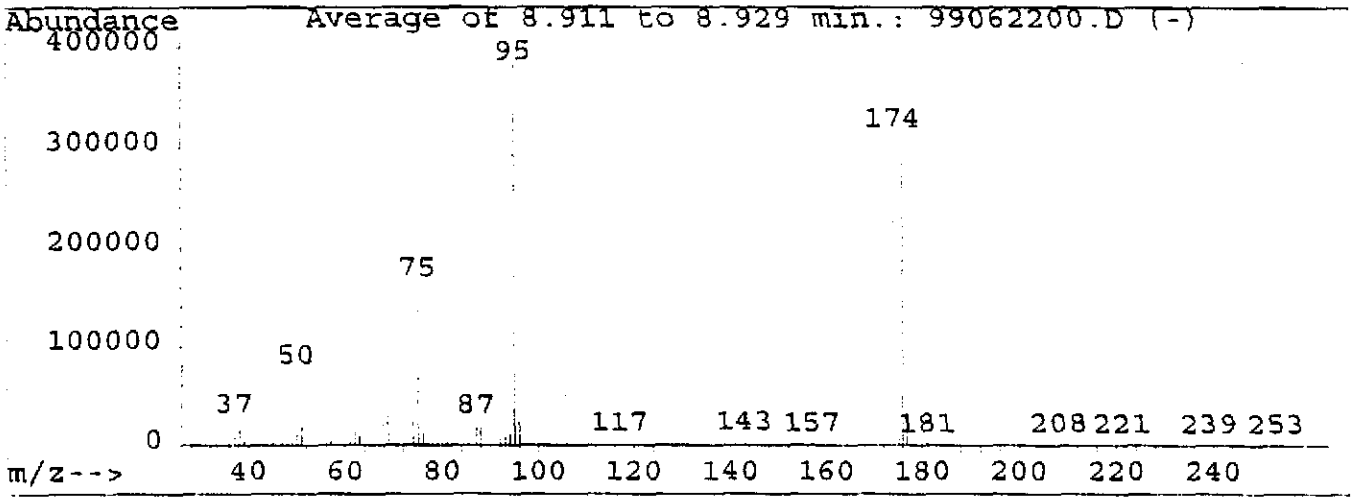
BFB

Data File : C:\HPCHEM\1\DATA\990622\99062200.D
Acq On : 22 Jun 99 9:34 am
Sample : BFB Tune Check
Misc : Tune Check

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFB-VOC.M
Title : BFB Tune Check for Method EPA-8260 QC Criteria





Peak Apex is scan: 98

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.8	69008	PASS
75	95	30	60	40.6	157156	PASS
95	95	100	100	100.0	386731	PASS
96	95	5	9	6.7	25879	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	79.3	306667	PASS
175	174	5	9	7.9	24091	PASS
176	174	95	101	97.3	298475	PASS
177	176	5	9	6.7	19887	PASS

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Initial Calibration

Calibration Files
1 =990604L1.D 2 =990604L2.D 3 =990604L3.D
4 =990604L4.D 5 =990604L5.D H1 =99022506.D

		Compound	1	2	3	4	5	H1	Avg	%RSD
1)	I	pentafluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
2)	T	dichlorodifluoromet	0.787	0.718	0.743	0.742	0.701		0.738	4.39
3)	P	chloromethane	0.631	0.567	0.578	0.607	0.606		0.598	4.27
4)	C	vinyl chloride*	0.786	0.702	0.703	0.700	0.681		0.714	5.75
5)	T	bromomethane	0.581	0.562	0.551	0.592	0.576		0.572	2.79
6)	T	chloroethane	0.416	0.376	0.373	0.374	0.376		0.383	4.86
7)	T	trichlorofluorometh	0.898	0.794	0.814	0.824	0.813		0.829	4.87
8)	CM	1,1-dichloroethene*	0.821	0.837	0.818	0.854	0.799		0.826	2.51
9)	T	Iodomethane	0.818	0.787	0.702	0.723	0.671		0.740	8.22
10)	T	Carbon disulfide	1.265	1.351	1.268	1.285	1.285		1.291	2.72
11)	T	methylene chloride	0.546	0.574	0.548	0.583	0.554		0.561	2.99
12)	T	trans-1,2-dichloroe	0.720	0.736	0.745	0.773	0.775		0.750	3.19
13)	T	Acetone	0.123	0.079	0.065	0.056	0.055		0.076	37.07
14)	T	Methyl ethyl ketone	0.053	0.059	0.061	0.064	0.062		0.060	6.99
15)	T	Acrolein							0.000#	-1.00
16)	T	Acrylonitrile							0.000#	-1.00
17)	P	1,1-dichloroethane	0.896	0.910	0.924	0.956	0.957		0.929	2.94
18)	T	Vinyl acetate	0.861	0.894	0.860	0.910	0.896		0.884	2.54
19)	T	Hexane						0.741	0.712	5.76
20)	T	2,2-dichloropropane	0.545	0.585	0.588	0.608	0.548		0.575	4.74
21)	T	cis-1,2-dichloroeth	0.698	0.722	0.728	0.754	0.755		0.731	3.30
22)	T	bromochloromethane	0.292	0.293	0.301	0.304	0.311		0.300	2.64
23)	C	chloroform*	0.896	0.902	0.898	0.934	0.915		0.909	1.73
24)	S	dibromofluoromethan	0.629	0.645	0.647	0.668	0.688		0.656	3.51
25)	T	1,1,1-trichloroetha	0.493	0.567	0.587	0.617	0.559		0.565	8.12
26)	I	1,4-difluorobenzene	----------	----------	----------	ISTD	----------	----------	----------	
27)	T	carbon tetrachlorid	0.121	0.130	0.147	0.148	0.148		0.139	9.16
28)	T	1,1-dichloropropene	0.326	0.356	0.375	0.363	0.339		0.352	5.51
29)	M	benzene*	0.883	1.033	1.060	1.048	1.029		1.010	7.15
30)	T	1,2-dichloroethane*	0.438	0.453	0.459	0.444	0.466		0.452	2.49
31)	M	trichloroethene*	0.346	0.429	0.415	0.415	0.407		0.403	8.01
32)	C	1,2-dichloropropane	0.270	0.289	0.291	0.288	0.275		0.283	3.28
33)	T	dibromomethane	0.231	0.236	0.241	0.224	0.238		0.234	2.86
34)	T	bromodichloromethan	0.283	0.292	0.322	0.320	0.329		0.309	6.65
35)	T	2-Chloroethylvinyl			0.322	0.320	0.329		0.000#	-1.00
36)	T	cis-1,3-dichloropro	0.351	0.395	0.405	0.376	0.388		0.383	5.44
37)	T	4-Methyl-2-pentanon	0.282	0.361	0.354	0.373	0.360		0.346	10.50
38)	S	toluene-d8	0.812	0.838	0.832	0.854	0.798		0.827	2.67
39)	M	toluene	0.370	0.460	0.462	0.466	0.447		0.441	9.11
40)	T	trans-1,3-dichlorop	0.284	0.324	0.340	0.328	0.337		0.323	7.01
41)	T	1,1,2-trichloroetha	0.175	0.214	0.218	0.213	0.208		0.206	8.61

(#) = Out of Range ### Number of calibration levels exceeded format ###

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
Response via : Initial Calibration

Calibration Files
1 =990604L1.D 2 =990604L2.D 3 =990604L3.D
4 =990604L4.D 5 =990604L5.D H1 =99022506.D

		Compound	1	2	3	4	5	H1	Avg	%RSD
42)	T	2-Hexanone	0.208	0.249	0.243	0.236	0.235		0.234	6.67
43)	I	Chlorobenzene-d5	----------	----------	----------	ISTD	----------	----------	----------	
44)	T	tetrachloroethene*	0.569	0.650	0.692	0.709	0.729		0.670	9.47
45)	T	1,3-dichloropropane	1.045	1.114	1.125	1.040	1.101		1.085	3.63
46)	T	dibromochloromethan	0.499	0.488	0.574	0.562	0.560		0.536	7.46
47)	T	1,2-dibromoethane	0.709	0.692	0.672	0.599	0.619		0.658	7.20
48)	M	chlorobenzene*	1.348	1.472	1.485	1.488	1.432		1.445	4.04
49)	T	1,1,1,2-tetrachloro	0.373	0.416	0.449	0.440	0.448		0.425	7.52
50)	C	ethylbenzene	0.506	0.578	0.609	0.612	0.600		0.581	7.55
51)	T	m,p-xylene	0.589	0.702	0.731	0.719	0.687		0.686	8.25
52)	T	o-xylene	0.577	0.684	0.712	0.722	0.711		0.681	8.77
53)	T	styrene	0.939	1.145	1.220	1.213	1.159		1.135	10.08
54)	P	bromoform	0.244	0.262	0.303	0.315	0.312		0.287	11.27
55)	I	1,4-dichlorobenzene-d	----------	----------	----------	ISTD	----------	----------	----------	
56)	T	isopropylbenzene	0.536	0.487	0.511	0.521	0.530		0.517	3.69
57)	S	4-bromofluorobenzen	1.185	1.148	1.145	1.143	1.142		1.153	1.58
58)	T	bromobenzene	0.827	0.774	0.806	0.811	0.687		0.781	7.17
59)	P	1,1,2,2-tetrachloro	1.186	1.055	1.062	1.070	1.024		1.080	5.72
60)	T	1,2,3-trichloroprop	0.318	0.281	0.280	0.279	0.263		0.284	7.20
61)	T	n-propylbenzene	0.492	0.451	0.494	0.482	0.487		0.481	3.64
62)	T	2-chlorotoluene	0.603	0.548	0.608	0.590	0.569		0.584	4.28
63)	T	4-chlorotoluene	0.541	0.537	0.552	0.571	0.567		0.553	2.73
64)	T	1,3,5-trimethylbenz	0.999	0.891	0.953	0.904	0.873		0.924	5.54
65)	T	tert-butylbenzene	1.701	1.452	1.530	1.539	1.486		1.542	6.20
66)	T	1,2,4-trimethylbenz	1.093	0.960	1.007	0.920	0.945		0.985	6.93
67)	T	sec-butylbenzene	1.606	1.346	1.396	1.421	1.392		1.432	7.04
68)	T	1,3-dichlorobenzene	1.104	1.046	1.104	1.101	1.075		1.086	2.35
69)	T	4-isopropyltoluene	0.363	0.294	0.314	0.302	0.290		0.313	9.57
70)	T	1,4-dichlorobenzene	1.117	1.055	1.110	1.090	1.085		1.091	2.22
71)	T	1,2-dichlorobenzene	1.056	1.019	1.063	1.067	1.029		1.047	2.03
72)	T	n-butylbenzene	0.687	0.598	0.590	0.561	0.546		0.596	9.22
73)	T	1,2-dibromo-3-chlor	0.121	0.113	0.111	0.112	0.117		0.115	3.59
74)	T	1,2,4-trichlorobenz	0.611	0.499	0.551	0.514	0.496		0.534	9.05
75)	T	hexachlorobutadiene	0.127	0.114	0.102	0.102	0.100		0.109	10.69
76)	T	naphthalene	1.170	1.113	1.112	1.122	1.050		1.113	3.85
77)	T	1,2,3-trichlorobenz	0.195	0.172	0.194	0.192	0.189		0.188	5.14

(#) = Out of Range ### Number of calibration levels exceeded format ###

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\990622\99062201.D
Acq On : 22 Jun 99 10:04 am
Sample : 8260 Con Cal @ 50ppb
Misc : 8260 Con Cal @ 50ppb

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Mon Jun 07 11:30:59 1999
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	102	-0.02
2	T	dichlorodifluoromethane	0.738	0.575	22.2#	82	0.00
3	P	chloromethane	0.598	0.557	6.8	100	0.00
4	C	vinyl chloride*	0.714	0.648	9.3	94	0.00
5	T	bromomethane	0.572	0.514	10.1	94	0.00
6	T	chloroethane	0.383	0.357	6.7	97	-0.02
7	T	trichlorofluoromethane	0.829	0.701	15.4	90	-0.02
8	CM	1,1-dichloroethene*	0.826	0.772	6.6	94	-0.02
9	T	Iodomethane	0.740	0.526	28.9#	68	-0.02
10	T	Carbon disulfide	1.291	1.236	4.2	93	0.00
11	T	methylene chloride	0.561	0.566	-0.8	101	0.00
12	T	trans-1,2-dichloroethene	0.750	0.778	-3.8	108	-0.02
13	T	Acetone	0.076	0.005#	93.5#	6#	-0.03
14	T	Methyl ethyl ketone*	0.060	0.035	41.9#	60	0.00
[illegible]	T	Acrolein	0.000	0.000#	0.0	0#	-8.40#
[illegible]	T	Acrylonitrile	0.000	0.000#	0.0	0#	-9.07#
17	P	1,1-dichloroethane	0.929	0.968	-4.2	109	-0.07
18	T	Vinyl acetate	0.884	0.696	21.3#	80	-0.02
19	T	Hexane	0.712	0.000#	100.0#	0#	-9.74#
20	T	2,2-dichloropropane	0.575	0.551	4.1	96	-0.02
21	T	cis-1,2-dichloroethene	0.731	0.768	-5.0	109	-0.02
22	T	bromochloromethane	0.300	0.299	0.5	104	0.00
23	C	chloroform*	0.909	0.923	-1.6	105	-0.02
24	S	dibromofluoromethane	0.656	0.639	2.5	101	-0.02
25	T	1,1,1-trichloroethane	0.565	0.616	-9.0	111	-0.02
26	I	1,4-difluorobenzene	1.000	1.000	0.0	100	0.00
27	T	carbon tetrachloride*	0.139	0.234	-68.8#	180	-0.02
28	T	1,1-dichloropropene	0.352	0.384	-9.1	108	-0.02
29	M	benzene*	1.010	1.124	-11.2	109	0.00
30	T	1,2-dichloroethane*	0.452	0.487	-7.8	108	-0.02
31	M	trichloroethene*	0.403	0.495	-22.9#	115	-0.02
32	C	1,2-dichloropropane	0.283	0.307	-8.5	106	-0.02
33	T	dibromomethane	0.234	0.236	-0.9	100	-0.02
34	T	bromodichloromethane	0.309	0.382	-23.6#	131	-0.02
35	T	2-Chloroethylvinyl ether	0.000	0.000#	0.0	0#	-12.67#
36	T	cis-1,3-dichloropropene	0.383	0.421	-9.9	107	0.00
37	T	4-Methyl-2-pentanone	0.346	0.337	2.6	94	-0.02
38	S	toluene-d8	0.827	0.866	-4.7	103	-0.02
[illegible]	M	toluene	0.441	0.504	-14.3	110	0.00
[illegible]	T	trans-1,3-dichloropropene	0.323	0.352	-9.2	109	-0.02
[illegible]	T	1,1,2-trichloroethane	0.206	0.225	-9.2	105	-0.02
42	T	2-Hexanone	0.234	0.221	5.6	89	0.00
43	I	Chlorobenzene-d5	1.000	1.000	0.0	103	-0.02
44	T	tetrachloroethene*	0.670	0.906	-35.3#	144	0.00

45	T	1,3-dichloropropane	1.085	1.104	-1.7	102	0.00
46	T	dibromochloromethane	0.536	0.715	-33.3#	151	-0.02
47	T	1,2-dibromoethane	0.658	0.540	18.0	81	-0.02
48	M	chlorobenzene*	1.445	1.529	-5.8	107	0.00
49	T	1,1,1,2-tetrachloroethane	0.425	0.514	-20.9#	128	0.00
50	C	ethylbenzene	0.581	0.648	-11.5	116	0.00
[illegible]	T	m,p-xylene	0.686	0.784	-14.4	115	-0.08
[illegible]	T	o-xylene	0.681	0.776	-14.0	117	-0.02
53	T	styrene	1.135	1.233	-8.6	111	0.00
54	P	bromoform	0.287	0.423	-47.2#	167	0.00
55	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
56	T	isopropylbenzene	0.517	0.536	-3.7	118	0.00
57	S	4-bromofluorobenzene	1.153	1.116	3.2	104	0.00
58	T	bromobenzene	0.781	0.805	-3.1	111	0.00
59	P	1,1,2,2-tetrachloroethane	1.080	1.013	6.2	103	0.00
60	T	1,2,3-trichloropropane	0.284	0.272	4.2	104	0.00
61	T	n-propylbenzene	0.481	0.498	-3.6	118	0.00
62	T	2-chlorotoluene	0.584	0.613	-5.0	120	0.00
63	T	4-chlorotoluene	0.553	0.568	-2.6	113	0.00
64	T	1,3,5-trimethylbenzene	0.924	1.009	-9.2	121	0.00
65	T	tert-butylbenzene	1.542	2.690	-74.5#	198	0.00
66	T	1,2,4-trimethylbenzene	0.985	1.092	-10.9	122	0.00
67	T	sec-butylbenzene	1.432	1.521	-6.2	121	0.00
68	T	1,3-dichlorobenzene	1.086	1.116	-2.8	114	0.00
69	T	4-isopropyltoluene	0.313	0.331	-6.0	121	0.00
70	T	1,4-dichlorobenzene	1.091	1.135	-4.0	115	0.00
71	T	1,2-dichlorobenzene	1.047	1.115	-6.4	117	0.00
72	T	n-butylbenzene	0.596	0.658	-10.3	118	0.00
73	T	1,2-dibromo-3-chloropropane	0.115	0.132	-14.5	125	0.00
74	T	1,2,4-trichlorobenzene	0.534	0.611	-14.3	131	0.00
[illegible]	T	hexachlorobutadiene	0.109	0.129	-18.3	121	0.00
[illegible]	T	naphthalene	1.113	1.627	-46.1#	156	0.00
77	T	1,2,3-trichlorobenzene	0.188	0.477	-153.1#	297#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

990604L2.D 8260-H2O.M Tue Jun 22 10:42:20 1999 VOLATILES

Organics QC Summary
Semivolatile Organics

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Semivolatile Organics - QC Data Package Summary
Dinoseb only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): 06/18/99

		Surrogate Recoveries - %					
Sample #	QC Data Package Starting Page # - Prefix	2-Fluorophenol	Phenol-d5	Nitrobenzene -d5	2-Fluorobiphenyl	2,4,6-Tribromophenol	p-Terphenyl -d14
AA 76225	C	90	104	105	102	93	77
AA 76226	C	82	101	83	109	98	78
AA 76227	C	84	97	107	102	97	78
AA 76228	C	63	98	74	86	72	55
AA 76229	C	74	111	92	106	93	78
AA 76230	C	84	110	94	107	89	71
AA 76231	C	82	90	95	105	97	60
AA 76232	C	101	109	92	104	109	80
AA 76233	C	99	109	96	105	104	77
AA 76234	C	106	101	82	114	112	75
AA 76235	C	98	77	82	87	109	86
AA 76236	C	107	105	89	113	99	79
AA 76237	C	32	23	31	37	79	83
AA 76238	C	21	37	64	29	44	79
AA 76239	C	35	41	32	33	51	77
AA 76240	C	41	20	54	44	57	86
AA 76241	C	37	41	66	47	89	84

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

Quantitation Report

C. 10

Data File : D:\HPCHEM\1\DATA\990624\76225.D
Acq On : 24 Jun 99 3:53 pm
Sample : dinoseb aa76225
Misc : water 1000 ml/1 ml
Quant Time: Jun 25 8:34 1999

Blank for Dinoseb

Vial: 31
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Tue Jun 22 08:26:40 1999
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.66	152	188815	40.00 ng	0.23
19) Naphthalene-d8	7.10	136	672475	40.00 ng	0.19
39) Acenaphthene-d10	9.74	164	324623	40.00 ng	0.20
66) Phenanthrene-d10	12.45	188	425670	40.00 ng	0.21
84) Chrysene-d12	18.56	240	299757	40.00 ng	0.28
92) Perylene-d12	22.95	264	218943	40.00 ng	0.52

System Monitoring Compounds					%Recovery
4) 2-Fluorophenol	4.61	112	1435806	246.59 ppb	123.30%
7) Phenol-d5	5.51	99	2168100	286.99 ppb	143.49%
21) Nitrobenzene-d5	6.30	82	971540	105.58 ppb	105.58%
44) 2-Fluorobiphenyl	8.64	172	1517313	122.09 ppb	122.09%
72) 2,4,6-Tribromophenol	11.22	330	427422	210.27 ppb	105.14%
85) p-Terphenyl-d14	15.78	244	1931311	77.37 ppb	77.37%

Target Compounds					Qvalue
2) n-Nitrosodimethylamine	0.00	74		Not Detected	
3) Pyridine	0.00	79		Not Detected	
5) Aniline	0.00	93		Not Detected	
6) Phenol	0.00	94		Not Detected	
8) bis(2-Chloroethyl)ether	0.00	93		Not Detected	
9) 2-Chlorophenol	5.61	128	1201	0.24 ppb #	1
10) 1,3-Dichlorobenzene	0.00	146		Not Detected	
11) 1,4-Dichlorobenzene	0.00	146		Not Detected	
12) 1,2-Dichlorobenzene	5.89	146	7740	1.23 ppb	94
13) Benzyl alcohol	0.00	108		Not Detected	
14) o-Cresol	0.00	107		Not Detected	
15) bis(2-Chloroisopropyl)ethe	5.96	45	7185	0.86 ppb #	100
16) Hexachloroethane	0.00	117		Not Detected	
17) p-Cresol	0.00	107		Not Detected	
18) N-Nitrosodipropylamine	0.00	70		Not Detected	
20) N-Nitroso-morpholine	0.00	56		Not Detected	
22) Nitrobenzene	6.30	77	2796	0.29 ppb #	31
23) N-Nitrosopiperidine	0.00	114		Not Detected	
24) Isophorone	0.00	82		Not Detected	
25) 2-Nitrophenol	0.00	139		Not Detected	
26) 2,4-Dimethylphenol	0.00	122		Not Detected	
27) bis(2-Chloroethoxy)methane	0.00	93		Not Detected	
28) 2,4-Dichlorophenol	0.00	162		Not Detected	
29) Benzoic acid	0.00	122		Not Detected	
30) 1,2,4-Trichlorobenzene	0.00	180		Not Detected	
31) Naphthalene	0.00	128		Not Detected	
32) 2,6-Dichlorophenol	0.00	162		Not Detected	
33) 4-Chloroaniline	0.00	127		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

C.11

Data File : D:\HPCHEM\1\DATA\990624\76225.D
Acq On : 24 Jun 99 3:53 pm
Sample : dinoseb aa76225
Misc : water 1000 ml/1 ml
Quant Time: Jun 25 8:34 1999

Vial: 31
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Tue Jun 22 08:26:40 1999
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Hexachlorobutadiene	0.00	225		Not Detected	
35)	N-Nitrosodi-n-butylamine	0.00	84		Not Detected	
36)	4-Chloro-3-methylphenol	0.00	107		Not Detected	
37)	1-Methylnaphthalene	0.00	142		Not Detected	
38)	2-Methylnaphthalene	0.00	142		Not Detected	
40)	1,2,4,5-Tetrachlorobenzene	0.00	216		Not Detected	
41)	Hexachlorocyclopentadiene	0.00	237		Not Detected	
42)	2,4,6-Trichlorophenol	0.00	196		Not Detected	
43)	2,4,5-Trichlorophenol	0.00	196		Not Detected	
45)	1-Chloronaphthalene	0.00	162		Not Detected	
46)	2-Chloronaphthalene	0.00	162		Not Detected	
47)	2-Nitroaniline	0.00	65		Not Detected	
48)	Acenaphthylene	0.00	152		Not Detected	
49)	Dimethyl phthalate	0.00	163		Not Detected	
50)	2,4-Dinitrotoluene	0.00	165		Not Detected	
51)	3-Nitroaniline	0.00	138		Not Detected	
52)	Acenaphthene	0.00	154		Not Detected	
53)	2,4-Dinitrophenol	0.00	184		Not Detected	
54)	Dibenzofuran	0.00	168		Not Detected	
55)	Pentachlorobenzene	0.00	250		Not Detected	
56)	4-Nitrophenol	0.00	139		Not Detected	
57)	1-Naphthylamine	0.00	143		Not Detected	
58)	2,6-Dinitrotoluene	0.00	165		Not Detected	
59)	2-Naphthylamine	0.00	143		Not Detected	
60)	2,3,4,6-Tetrachlorophenol	0.00	232		Not Detected	
61)	Fluorene	0.00	166		Not Detected	
62)	4-Chlorophenyl phenyl ethe	0.00	204		Not Detected	
63)	Diethyl phthalate	10.65	149	5467	0.23 ppb #	58
64)	Azobenzene	0.00	77		Not Detected	
65)	4-Nitroaniline	0.00	138		Not Detected	
67)	4,6-Dinitro-2-methylphenol	11.23	198	2477	0.25 ppb #	100
68)	Diphenylamine	11.22	169	15746	2.00 ppb #	30
69)	N-Nitrosodiphenylamine	11.22	169	15746	1.97 ppb #	30
70)	1,2-Diphenylhydrazine	0.00	77		Not Detected	
71)	p-Phenylenediamine	0.00	108		Not Detected	
73)	4-Bromophenyl phenyl ether	0.00	248		Not Detected	
74)	1,3,5-Trinitrobenzene	0.00	75		Not Detected	
75)	Hexachlorobenzene	0.00	284		Not Detected	
76)	4-Aminobiphenyl	0.00	169		Not Detected	
77)	Pentachlorophenol	12.39	266	4511	1.11 ppb #	1
78)	Pentachloronitrobenzene	0.00	237		Not Detected	
79)	Phenanthrene	0.00	178		Not Detected	
80)	Anthracene	0.00	178		Not Detected	
81)	Di-n-butyl phthalate	13.73	149	54496	2.75 ppb	97

(#) = qualifier out of range (m) = manual integration

C.12

Quantitation Report

Data File : D:\HPCHEM\1\DATA\990624\76225.D
Acq On : 24 Jun 99 3:53 pm
Sample : dinoseb aa76225
Misc : water 1000 ml/1 ml
Quant Time: Jun 25 8:34 1999

Vial: 31
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Tue Jun 22 08:26:40 1999
Response via : Multiple Level Calibration

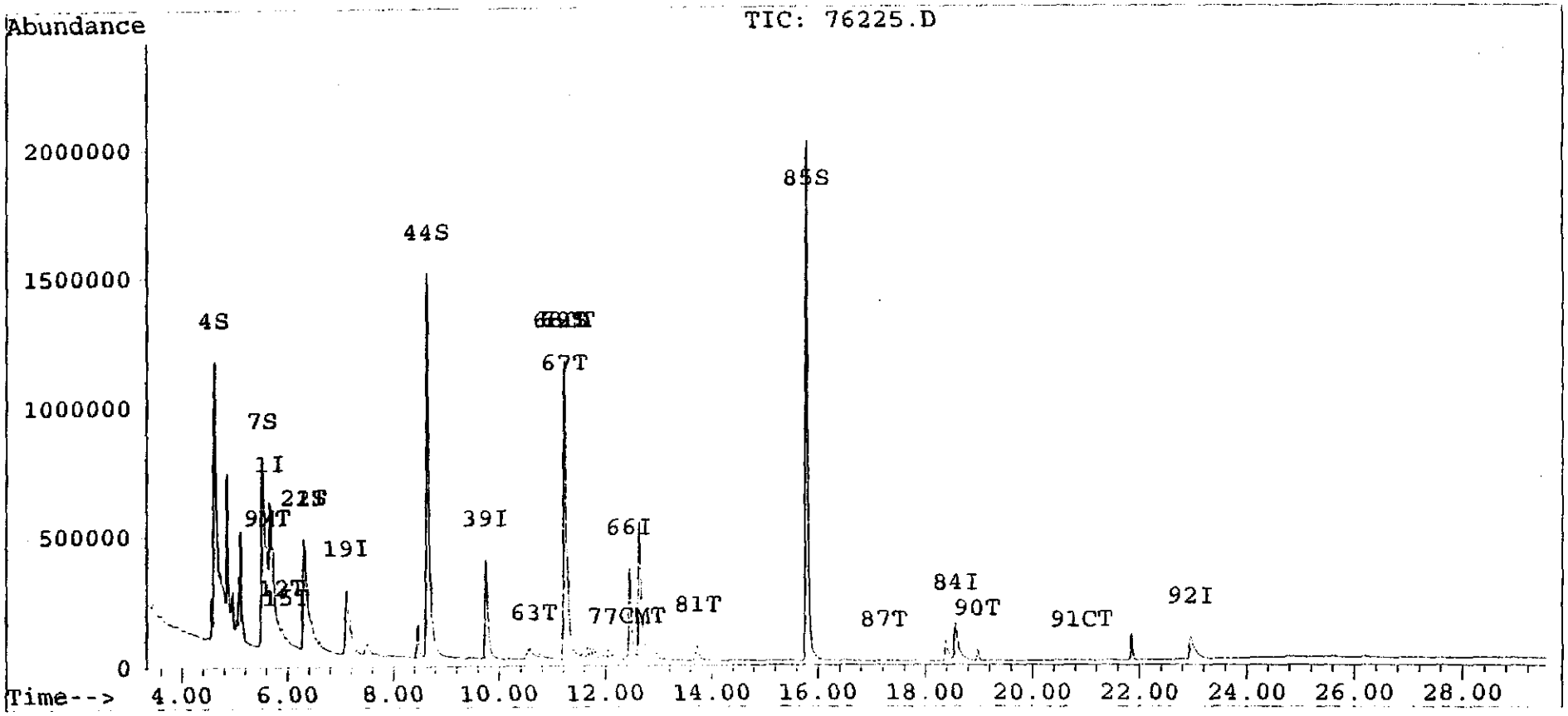
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
82)	Fluoranthene	0.00	202		Not Detected	
83)	Pyrene	0.00	202		Not Detected	
86)	p-Dimethylaminoazobenzene	0.00	225		No Calib #	
87)	Butyl benzyl phthalate	17.22	149	3004	0.28 ppb #	21
88)	Benzo(a)anthracene	0.00	228		Not Detected	
89)	Chrysene	0.00	228		Not Detected	
90)	bis(2-Ethylhexyl) phthalat	18.97	149	25591	2.07 ppb #	89
91)	Di-n-octyl phthalate	20.92	149	2456	0.23 ppb #	42
93)	Benzo(b)fluoranthene	0.00	252		Not Detected	
94)	Benzo(k)fluoranthene	0.00	252		Not Detected	
95)	7,12-dimethylbenz[a]anthra	0.00	126		Not Detected	
96)	Benzo(a)pyrene	0.00	252		Not Detected	
97)	3-Methylcholanthrene	0.00	268		Not Detected	
98)	Indeno(1,2,3-cd)pyrene	0.00	276		Not Detected	
99)	Dibenzo(a,h)anthracene	0.00	278		Not Detected	
100)	Benzo(g,h,i)perylene	0.00	276		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPCHEM\1\DATA\990624\76225.D
Acq On : 24 Jun 99 3:53 pm
Sample : dinoseb aa76225
Misc : water 1000 ml/1 ml
Quant Time: Jun 25 8:34 1999

Vial: 31
Operator: rlt
Inst : 5972 - In
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Tue Jun 22 08:26:40 1999
Response via : Multiple Level Calibration



C,13

Spike Recovery and RPD Summary Report - WATER

C.20

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Thu Jul 01 13:44:03 1999
Response via : Initial Calibration

Non-Spiked Sample: 76225.D

	Spike Sample	Spike Duplicate Sample
File ID :	76226.D	76227.D
Sample :	dinoseb aa76226	dinoseb aa76227
Acq Time:	24 Jun 99 4:29 pm	24 Jun 99 5:05 pm

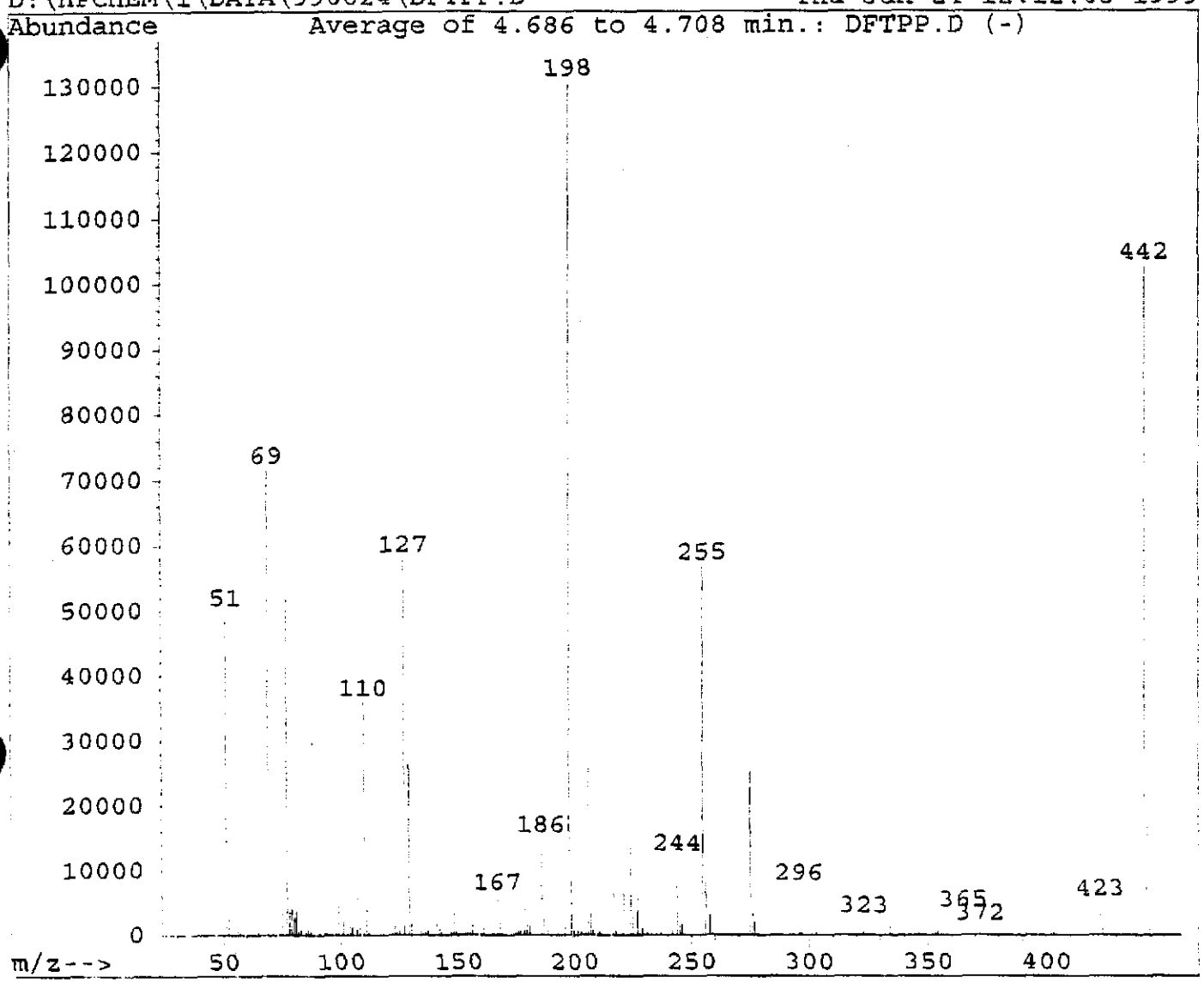
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Phenol	0.0	400	239	246	60	62	3	42	12-110
2-Chlorophenol	0.2	400	278	284	70	71	2	40	27-123
1,4-Dichlorobenzene	0.0	200	92	93	46	46	1	28	36- 97
N-Nitrosodipropylami	0.0	200	137	140	68	70	2	38	41-116
1,2,4-Trichlorobenze	0.0	200	96	100	48	50	4	28	39- 98
4-Chloro-3-methylphe	0.0	400	222	225	55	56	1	42	23- 97
2,4-Dinitrotoluene	0.0	200	127	129	64	64	1	38	24- 96
Acenaphthene	0.0	200	102	103	51	51	1	31	46-118
4-Nitrophenol	0.0	400	156	149	39	37	5	50	10- 80
Pentachlorophenol	1.1	400	163	159	40	40	2	50	9-103
Pyrene	0.0	200	187	187	93	93	0	31	26-127

8270-023.M Thu Jul 01 13:57:36 1999

DFTPP 625 Results

C.40

D:\HPCHEM\1\DATA\990624\DFTPP.D Thu Jun 24 12:12:05 1999



Peak Apex is scan: 202
Average of 3 scans: 201,202,203 minus background scan 195

Target Mass	Comparison Mass	Lower Limit,%	Upper Limit,%	Relative Abundance,%	Result Pass/Fail
51	198	30	60	38.2	PASS
68	69	0	2	0.0	PASS
69	198	0	100	54.8	PASS
70	69	0	2	0.0	PASS
127	198	40	60	44.4	PASS
197	198	0	1	0.0	PASS
198	198	100	100	100.0	PASS
199	198	5	9	6.9	PASS
275	198	10	30	19.4	PASS
365	198	1	100	2.5	PASS
441	443	0	100	0.0	PASS
442	198	40	100	78.7	PASS
443	442	17	23	19.4	PASS

initial calibration

C.50

Response Factor Report 5972 - In

Method : D:\HPCHEM\1\METHODS\8270-019.M
Title :
Last Update : Mon Nov 23 11:20:56 1998
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
1)	I	1,4-Dichlorobenzene-d	----------ISTD----------						
2)	T	n-Nitrosodimethylamin	0.635	0.699	0.755	0.708	0.737	0.707	6.52
3)	T	Pyridine	0.905	1.021	1.130	1.037	1.055	1.030	7.86
4)	S	2-Fluorophenol	1.225	1.157	1.299	1.229	1.257	1.233	4.20
5)	T	Aniline	1.190	1.383	1.412	1.441	1.546	1.394	9.31
6)	CMT	Phenol	1.481	1.689	1.904	1.916	2.146	1.827	13.80
7)	S	Phenol-d5	1.310	1.518	1.686	1.667	1.822	1.600	12.17
8)	T	bis(2-Chloroethyl)eth	1.267	1.219	1.348	1.441	1.539	1.363	9.51
9)	MT	2-Chlorophenol	1.023	1.043	1.125	1.097	1.126	1.083	4.40
10)	T	1,3-Dichlorobenzene	1.252	1.249	1.379	1.419	1.449	1.350	6.94
11)	CMT	1,4-Dichlorobenzene	1.557	1.762	1.751	1.656	1.726	1.690	5.04
12)	T	1,2-Dichlorobenzene	1.209	1.272	1.373	1.357	1.480	1.338	7.71
13)	T	Benzyl alcohol	0.574	0.656	0.717	0.686	0.761	0.679	10.37
14)	T	o-Cresol	0.900	0.976	1.026	1.012	1.077	0.998	6.60
15)	T	bis(2-Chloroisopropyl	1.740	1.775	1.839	1.756	1.764	1.775	2.15
16)	T	Hexachloroethane	0.806	0.735	0.739	0.721	0.809	0.762	5.49
[illegible])	T	p-Cresol	1.045	1.232	1.295	1.229	1.218	1.204	7.78
[illegible])	MPT	N-Nitrosodipropylamin	0.920	1.061	1.069	1.061	1.138	1.050	7.56
19)	I	Naphthalene-d8	----------ISTD----------						
20)		N-Nitroso-morpholine						0.000#	-1.00
21)	S	Nitrobenzene-d5	0.512	0.526	0.555	0.562	0.582	0.547	5.12
22)	T	Nitrobenzene	0.508	0.541	0.591	0.593	0.609	0.569	7.45
23)	T	N-Nitrosopiperidine						0.000#	-1.00
24)	T	Isophorone	0.771	0.878	0.922	0.915	0.923	0.882	7.30
25)	CT	2-Nitrophenol	0.196	0.207	0.210	0.224	0.263	0.220	11.81
26)	T	2,4-Dimethylphenol	0.330	0.317	0.376	0.397	0.418	0.368	11.75
27)	T	bis(2-Chloroethoxy)me	0.378	0.453	0.503	0.523	0.563	0.484	14.70
28)	CT	2,4-Dichlorophenol		0.282	0.309	0.335	0.382	0.327	13.05
29)	T	Benzoic acid	0.084	0.083	0.090	0.086	0.104	0.089	9.64
30)	MT	1,2,4-Trichlorobenzen	0.313	0.347	0.368	0.386	0.413	0.365	10.44
31)	T	Naphthalene	1.020	1.212	1.299	1.357	1.438	1.265	12.65
32)	T	2,6-Dichlorophenol	0.232	0.281	0.305	0.336	0.353	0.301	15.91
33)	T	4-Chloroaniline	0.253	0.311	0.355	0.312	0.378	0.322	14.90
34)	CT	Hexachlorobutadiene	0.238	0.250	0.265	0.292	0.324	0.274	12.60
35)	T	N-Nitrosodi-n-butylam						0.000#	-1.00
36)	CMT	4-Chloro-3-methylphen		0.365	0.394	0.418	0.447	0.406	8.65
37)		1-Methylnaphthalene	0.557	0.729	0.769	0.840	0.839	0.747	15.55
38)	T	2-Methylnaphthalene	0.557	0.729	0.771	0.841	0.839	0.747	15.58
39)	I	Acenaphthene-d10	----------ISTD----------						
40)	T	1,2,4,5-Tetrachlorobe						0.000#	-1.00
[illegible])	PT	Hexachlorocyclopentad	0.226	0.271	0.296	0.298	0.337	0.285	14.39

(#) = Out of Range

C.51

Method : D:\HPCHEM\1\METHODS\8270-019.M
Title :
Last Update : Mon Nov 23 11:20:56 1998
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	0.292	0.373	0.402	0.430	0.453	0.390	15.95
43)	T	2,4,5-Trichlorophenol	0.415	0.403	0.392	0.455	0.513	0.436	11.31
44)	S	2-Fluorobiphenyl	1.138	1.610	1.579	1.570	1.760	1.531	15.20
45)	T	1-Chloronaphthalene	1.045	1.049	1.168	1.311	1.468	1.208	15.00
46)	T	2-Chloronaphthalene	1.045	1.049	1.168	1.311	1.468	1.208	15.00
47)	T	2-Nitroaniline	0.478	0.520	0.555	0.575	0.602	0.546	8.83
48)	T	Acenaphthylene	1.661	1.768	1.920	2.098	2.289	1.947	12.96
49)	T	Dimethyl phthalate	1.251	1.406	1.531	1.609	1.708	1.501	11.88
50)	MT	2,4-Dinitrotoluene	0.397	0.442	0.478	0.491	0.512	0.464	9.77
51)	T	3-Nitroaniline	0.330	0.353	0.319	0.350	0.442	0.359	13.56
52)	CMT	Acenaphthene	1.441	1.625	1.471	1.458	1.720	1.543	8.00
53)	PT	2,4-Dinitrophenol	0.188	0.182	0.214	0.230	0.248	0.212	13.03
54)	T	Dibenzofuran	1.651	1.912	2.013	2.251	2.395	2.044	14.24
55)	T	Pentachlorobenzene						0.000#	-1.00
56)	MPT	4-Nitrophenol	0.414	0.285	0.321	0.385	0.350	0.351	14.49
57)	T	1-Naphthylamine						0.000#	-1.00
58)	T	2,6-Dinitrotoluene	0.322	0.391	0.430	0.430	0.444	0.403	12.27
[illegible])	T	2-Naphthylamine						0.000#	-1.00
[illegible])	T	2,3,4,6-Tetrachloroph						0.000#	-1.00
61)	T	Fluorene	2.477	2.708	3.088	3.148	3.133	2.911	10.39
62)	T	4-Chlorophenyl phenyl	1.354	1.185	1.336	1.588	1.557	1.404	11.93
63)	T	Diethyl phthalate	2.408	2.680	2.989	2.979	3.509	2.913	14.09
64)		Azobenzene	2.428	2.692	2.831	3.032	3.350	2.866	12.15
65)	T	4-Nitroaniline	0.116	0.149	0.167	0.171	0.163	0.153	14.64
66)	I	Phenanthrene-d10	----------ISTD----------						
67)	T	4,6-Dinitro-2-methylp	0.322	0.272	0.294	0.328	0.373	0.318	11.98
68)	CT	Diphenylamine	0.560	0.787	0.772	0.772	0.911	0.760	16.62
69)	T	N-Nitrosodiphenylamin	0.560	0.735	0.772	0.772	0.911	0.750	16.77
70)	T	1,2-Diphenylhydrazine	1.405	1.831	1.508	1.662	1.822	1.646	11.49
71)		p-Phenylenediamine	0.131	0.181	0.155	0.174	0.183	0.165	13.42
72)	S	2,4,6-Tribromophenol	0.174	0.195	0.174	0.208	0.237	0.197	13.30
73)	T	4-Bromophenyl phenyl	0.196	0.241	0.235	0.259	0.291	0.244	14.25
74)		1,3,5-Trinitrobenzene						0.000#	-1.00
75)	T	Hexachlorobenzene	0.459	0.392	0.408	0.389	0.429	0.416	7.02
76)	T	4-Aminobiphenyl						0.000#	-1.00
77)	CMT	Pentachlorophenol	0.315	0.393	0.373	0.412	0.415	0.382	10.76
78)	T	Pentachloronitrobenze						0.000#	-1.00
79)	T	Phenanthrene	1.155	1.164	1.302	1.390	1.482	1.299	10.95
80)	T	Anthracene	1.095	1.114	1.269	1.402	1.488	1.274	13.60
81)	T	Di-n-butyl phthalate	1.637	1.786	1.941	2.011	1.925	1.860	8.01
82)	CT	Fluoranthene	1.046	1.035	1.038	1.028	0.991	1.028	2.09
83)	TM	Pyrene	1.033	0.980	0.945	0.925	0.866	0.950	6.56
[illegible])	I	Chrysene-d12	----------ISTD----------						

(#) = Out of Range

C.52

Response Factor Report 5972 - In

Method : D:\HPCHEM\1\METHODS\8270-019.M
Title :
Last Update : Mon Nov 23 11:20:56 1998
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	2.544	3.387	3.557	3.494	3.672	3.331	13.56
86)	T	p-Dimethylaminoazoben						0.000#	-1.00
87)	T	Butyl benzyl phthalat	1.315	1.353	1.517	1.566	1.527	1.455	7.81
88)	T	Benzo(a)anthracene	1.123	1.213	1.262	1.330	1.337	1.253	7.07
89)	T	Chrysene	1.065	1.126	1.174	1.245	1.269	1.176	7.13
90)	T	bis(2-Ethylhexyl) pht	1.285	1.551	1.740	1.821	1.837	1.647	14.10
91)	CT	Di-n-octyl phthalate	1.367	1.294	1.395	1.492	1.577	1.425	7.77
92)	I	Perylene-d12	----------ISTD----------						
93)	T	Benzo(b)fluoranthene	1.570	1.568	1.580	1.524	1.604	1.569	1.85
94)	T	Benzo(k)fluoranthene	1.577	1.515	1.567	1.606	1.519	1.557	2.52
95)		7,12-dimethylbenz[a]a	0.139	0.164	0.172	0.172	0.164	0.162	8.47
96)	CT	Benzo(a)pyrene	1.054	1.180	1.231	1.231	1.259	1.191	6.85
97)	T	3-Methylcholanthrene						0.000#	-1.00
98)	T	Indeno(1,2,3-cd)pyren	0.759	0.946	1.053	1.091	1.046	0.979	13.69
99)	T	Dibenzo(a,h)anthracen	0.666	0.748	0.822	0.896	0.951	0.817	13.91
100)	T	Benzo(g,h,i)perylene	0.668	0.776	0.844	0.898	0.982	0.834	14.31

(#) = Out of Range

Continuing Calibration Report 5972 - In C.60

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Thu Jul 01 13:32:10 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.D 6/24/99

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	209
2	T	n-Nitrosodimethylamine	0.707	0.770	-9.0	213
3	T	Pyridine	1.030	1.041	-1.1	193
4	S	2-Fluorophenol	1.233	1.331	-7.9	214
5	T	Aniline	1.394	1.525	-9.3	226
6	CMT	Phenol	1.827	1.881	-2.9	206
7	S	Phenol-d5	1.600	1.744	-8.9	216
8	T	bis(2-Chloroethyl)ether	1.363	1.525	-11.9	236
9	MT	2-Chlorophenol	1.083	1.189	-9.8	221
10	T	1,3-Dichlorobenzene	1.350	1.209	10.4	183
11	CMT	1,4-Dichlorobenzene	1.690	1.793	-6.0	214
12	T	1,2-Dichlorobenzene	1.338	1.437	-7.4	219
13	T	Benzyl alcohol	0.679	0.739	-8.9	215
14	T	o-Cresol	0.998	1.047	-4.9	213
15	T	bis(2-Chloroisopropyl)ether	1.775	1.939	-9.3	220
16	T	Hexachloroethane	0.762	0.676	11.3	191
17	T	p-Cresol	1.204	1.239	-2.9	200
18	MPT	N-Nitrosodipropylamine	1.050	1.172	-11.6	229
19	I	Naphthalene-d8	1.000	1.000	0.0	279
20		N-Nitroso-morpholine	0.000	0.014#	0.0	0#
21	S	Nitrobenzene-d5	0.547	0.569	-4.0	286
22	T	Nitrobenzene	0.569	0.531	6.7	250
23	T	N-Nitrosopiperidine	0.000	0.000#	0.0	0#
24	T	Isophorone	0.882	0.730	17.2	221
25	CT	2-Nitrophenol	0.220	0.176	19.9	235
26	T	2,4-Dimethylphenol	0.368	0.303	17.5	225
27	T	bis(2-Chloroethoxy)methane	0.484	0.525	-8.4	291
28	CT	2,4-Dichlorophenol	0.313	0.281	10.3	254
29	T	Benzoic acid	0.089	0.088	1.9	272
30	MT	1,2,4-Trichlorobenzene	0.365	0.290	20.7	220
31	T	Naphthalene	1.265	1.007	20.4	216
32	T	2,6-Dichlorophenol	0.301	0.281	6.8	257
33	T	4-Chloroaniline	0.314	0.336	-7.0	265
34	CT	Hexachlorobutadiene	0.274	0.243	11.2	256
35	T	N-Nitrosodi-n-butylamine	0.000	0.000#	0.0	0#
36	CMT	4-Chloro-3-methylphenol	0.406	0.346	14.9	245
37		1-Methylnaphthalene	0.747	0.810	-8.4	294
38	T	2-Methylnaphthalene	0.747	0.810	-8.3	293
39	I	Acenaphthene-d10	1.000	1.000	0.0	190
40	T	1,2,4,5-Tetrachlorobenzene	0.000	0.000#	0.0	0#
41	PT	Hexachlorocyclopentadiene	0.285	0.292	-2.4	187

(#) = Out of Range

C.61

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Thu Jul 01 13:32:10 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	0.390	0.371	4.9	175
43	T	2,4,5-Trichlorophenol	0.436	0.369	15.4	178
44	S	2-Fluorobiphenyl	1.531	1.417	7.5	170
45	T	1-Chloronaphthalene	1.208	1.252	-3.6	203
46	T	2-Chloronaphthalene	1.208	1.252	-3.6	203
47	T	2-Nitroaniline	0.546	0.442	19.0	151
48	T	Acenaphthylene	1.947	1.774	8.9	175
49	T	Dimethyl phthalate	1.501	1.304	13.1	162
50	MT	2,4-Dinitrotoluene	0.464	0.382	17.7	152
51	T	3-Nitroaniline	0.347	0.353	-1.7	210
52	CMT	Acenaphthene	1.525	1.308	14.2	169
53	PT	2,4-Dinitrophenol	0.212	0.187	12.0	166
54	T	Dibenzofuran	2.044	1.940	5.1	183
55	T	Pentachlorobenzene	0.000	0.000#	0.0	0#
56	MPT	4-Nitrophenol	0.351	0.360	-2.4	213
57	T	1-Naphthylamine	0.000	0.000#	0.0	0#
58	T	2,6-Dinitrotoluene	0.403	0.414	-2.7	183
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	2.911	2.854	2.0	175
62	T	4-Chlorophenyl phenyl ether	1.404	1.375	2.1	195
63	T	Diethyl phthalate	2.913	2.812	3.5	179
64		Azobenzene	2.866	2.961	-3.3	199
65	T	4-Nitroaniline	0.153	0.175	-14.3	199
66	I	Phenanthrene-d10	1.000	1.000	0.0	162
67	T	4,6-Dinitro-2-methylphenol	0.311	0.324	-4.2	179
68	CT	Diphenylamine	0.741	0.715	3.4	150
69	T	N-Nitrosodiphenylamine	0.750	0.715	4.6	150
70	T	1,2-Diphenylhydrazine	1.646	1.430	13.1	153
71		p-Phenylenediamine	0.165	0.134	18.5	140
72	S	2,4,6-Tribromophenol	0.191	0.174	9.0	162
73	T	4-Bromophenyl phenyl ether	0.244	0.217	11.3	149
74		1,3,5-Trinitrobenzene	0.000	0.000#	0.0	0#
75	T	Hexachlorobenzene	0.416	0.355	14.5	141
76	T	4-Aminobiphenyl	0.000	0.000#	0.0	0#
77	CMT	Pentachlorophenol	0.382	0.346	9.2	150
78	T	Pentachloronitrobenzene	0.000	0.000#	0.0	0#
79	T	Phenanthrene	1.299	1.062	18.2	132
80	T	Anthracene	1.274	1.223	4.0	156
81	T	Di-n-butyl phthalate	1.860	1.865	-0.3	155
82	CT	Fluoranthene	1.028	0.961	6.5	150
83	TM	Pyrene	0.950	0.961	-1.2	164

(#) = Out of Range

 C,62

Method : D:\HPCHEM\1\METHODS\8270-023.M
Title :
Last Update : Thu Jul 01 13:32:10 1999
Response via : Initial Calibration

Continuing Calibration File: STD80.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	394
85	S	p-Terphenyl-d14	3.331	3.637	-9.2	403
86	T	p-Dimethylaminoazobenzene	0.000	0.000#	0.0	0#
87	T	Butyl benzyl phthalate	1.455	1.378	5.3	358
88	T	Benzo(a)anthracene	1.253	1.125	10.3	351
89	T	Chrysene	1.176	1.209	-2.8	405
90	T	bis(2-Ethylhexyl) phthalate	1.647	1.401	14.9	317
91	CT	Di-n-octyl phthalate	1.425	1.420	0.4	401
92	I	Perylene-d12	1.000	1.000	0.0	659#
93	T	Benzo(b)fluoranthene	1.569	1.562	0.4	652#
94	T	Benzo(k)fluoranthene	1.557	1.700	-9.2	715#
95		7,12-dimethylbenz[a]anthracen	0.162	0.180	-11.3	692#
96	CT	Benzo(a)pyrene	1.191	1.303	-9.4	697#
97	T	3-Methylcholanthrene	0.000	0.000#	0.0	0#
98	T	Indeno(1,2,3-cd)pyrene	0.979	1.077	-10.0	674#
99	T	Dibenzo(a,h)anthracene	0.817	0.896	-9.7	719#
100	T	Benzo(g,h,i)perylene	0.834	0.877	-5.2	685#

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Organics QC Summary
Pesticides

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Pesticides - QC Data Package Summary
Toxaphene Only

Argus Analytical, Inc.

Client: Vicksburg Chemical

Receipt Date(s): 06/18/99

Sample #	QC Data Package Starting Page # Prefix	Surrogate Recoveries - %	
		TCMX	DCB
AA 76225	990623	58	104
AA 76226	990623	35	89
AA 76227	990623	47	97
AA 76228	990623	55	90
AA 76229	990623	45	102
AA 76230	990623	65	87
AA 76231	990623	72	94
AA 76232	990623	67	90
AA 76233	990623	64	104
AA 76234	990623	47	100
AA 76235	990623	68	101
AA 76236	990623	70	102
AA 76237	990623	74	99
AA 76238	990623	72	98
AA 76239	990623	60	96
AA 76240	990623	66	98
AA 76241	990623	73	102

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\990623\99062306.D Vial: 6
Signal #2 : C:\HPCHEM\6\DATA\990623\99062306.D\CONFIRM.D
Acq On : 23 Jun 99 12:22 PM Operator: mmp
Sample : Blank 10mL Water Toxaphene Inst : HP-2
Misc : Water : 1L->10mL Hexane Multiplr: 1.00
Quant Time: Jun 29 10:05 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Mon Jun 28 12:48:37 1999
Response via : Multiple Level Calibration

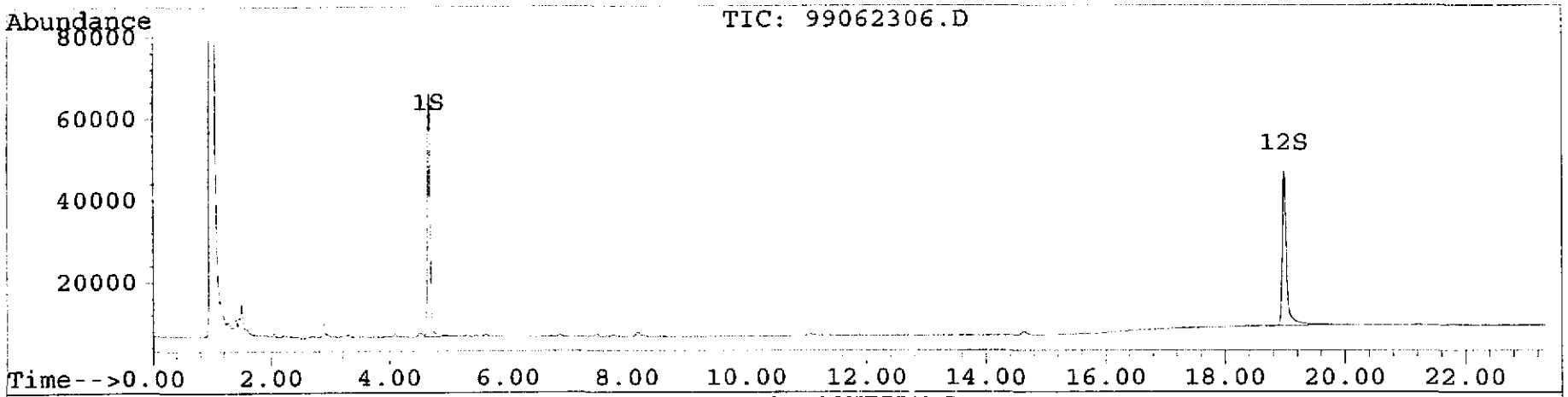
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

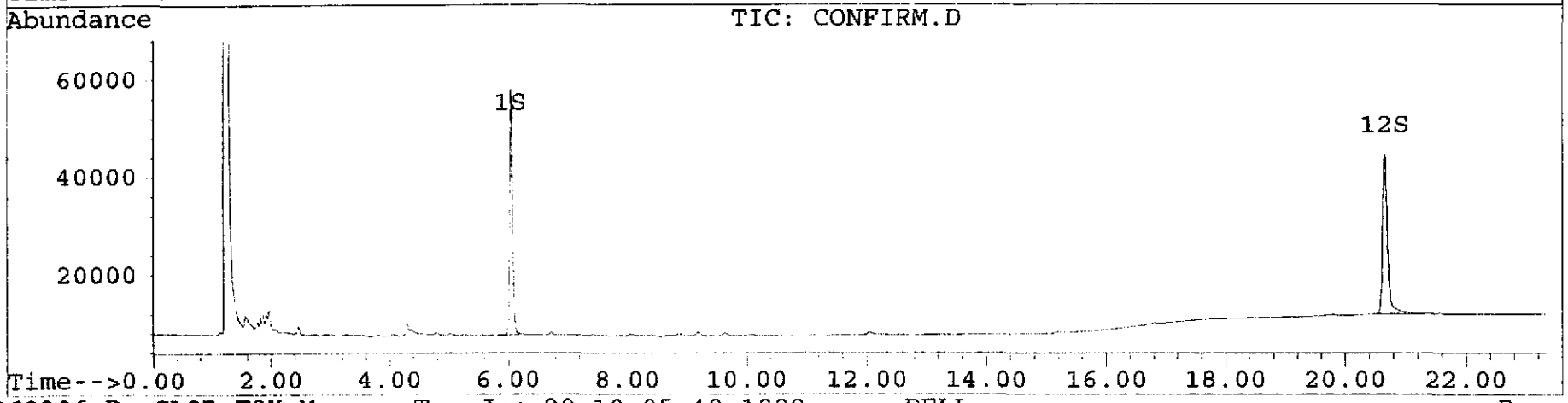
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.66	6.05	1921027	1743948	71.438	75.365
			Recovery	=	71.44%	75.36%
2) S DCB	18.99	20.66	1928827	1918847	112.620	124.604m
			Recovery	=	112.62%	124.60%
Target Compounds						
2) L1 Chlordane	0.00	0.00	0	0	N.D.	N.D.
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.
L1 Chlordane {4}	0.00	0.00	0	0	N.D.d	N.D.d
L1 Chlordane {5}	0.00	0.00	0	0	N.D.	N.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.	N.D.
8) L2 Toxaphene {2}	0.00	0.00	0	0	N.D.	N.D.
9) L2 Toxaphene {3}	0.00	0.00	0	0	N.D.d	N.D.d
10) L2 Toxaphene {4}	0.00	0.00	0	0	N.D.	N.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

Signal #1 : C:\HPCHEM\6\DATA\990623\99062306.D Vial: 6
Signal #2 : C:\HPCHEM\6\DATA\990623\99062306.D\CONFIRM.D
Acq On : 23 Jun 99 12:22 PM Operator: mmp
Sample : Blank 10mL Water Toxaphene Inst : HP-2
Misc : Water : 1L->10mL Hexane Multiplr: 1.00
Quant Time: Jun 29 10:05 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Mon Jun 28 12:48:37 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





990623.11

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Wed Jun 30 16:44:27 1999
Response via : Initial Calibration

Non-Spiked Sample: 99062307.D

	Spike Sample	Spike Duplicate Sample
File ID :	99062308.D	99062309.D
Sample :	AA76226 10mL Water MS	AA76227 10mL Water MSD
Acq Time:	23 Jun 99 01:16 PM	23 Jun 99 01:43 PM

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Toxaphene	0.0	1000	959	977	96	98	2	15	70-130

CLOR-TOX.M Wed Jun 30 16:48:48 1999 DELL

Response Factor Report HP-2

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Mon Jun 28 12:48:37 1999
Response via : Initial Calibration

Calibration Files
1 =990628L1.D 2 =990628L2.D 3 =990628L3.D
4 =990628L4.D 5 =990628L5.D

		Compound	1	2	3	4	5	Avg		%RSD
1)	S	TCMX	31.6	29.6	29.3	26.5	23.0	28.0	E3	11.92
2)	L1	Chlordane	901.7	748.1	697.3	703.9	778.8	766.0		10.82
3)	L1	Chlordane {2}	814.0	739.4	741.8	797.1	956.6	809.8		10.93
4)	L1	Chlordane {3}	965.6	966.1	931.2	922.7	1020.3	961.2		4.00
5)	L1	Chlordane {4}	2.1	2.0	2.1	2.2	2.7	2.2	E3	13.07
6)	L1	Chlordane {5}	1.4	1.4	1.4	1.5	2.2	1.6	E3	21.67
7)	L2	Toxaphene	495.3	728.5	710.0	733.8	784.2	690.4		16.29
8)	L2	Toxaphene {2}	1.2	0.6	0.5	0.6	0.6	0.7	E3	38.04
9)	L2	Toxaphene {3}	672.2	575.0	612.6	743.9	639.6	648.7		9.88
10)	L2	Toxaphene {4}	361.6	417.0	459.7	529.0	445.3	442.5		13.82
11)	L2	Toxaphene {5}	790.4	625.4	630.3	549.5	519.3	623.0		16.88
12)	S	DCB	24.1	21.2	20.8	19.5	18.0	20.7	E3	10.92

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
1)	S	TCMX	28.2	27.0	27.7	26.2	24.0	26.6	E3	6.26
2)	L1	Chlordane	691.0	609.5	620.8	620.5	706.1	649.6		6.97
3)	L1	Chlordane {2}	1.3	1.0	0.9	0.9	1.0	1.0	E3	15.04
4)	L1	Chlordane {3}	1.8	1.7	1.9	2.0	2.8	2.1	E3	22.01
5)	L1	Chlordane {4}	1.8	1.7	1.8	2.0	2.6	2.0	E3	18.44
6)	L1	Chlordane {5}	1.6	1.5	1.5	1.7	2.3	1.7	E3	20.58
7)	L2	Toxaphene	512.8	477.2	511.6	601.5	489.8	518.6		9.40
8)	L2	Toxaphene {2}	1.4	1.1	0.9	0.9	0.9	1.0	E3	22.07
9)	L2	Toxaphene {3}	792.6	765.0	629.5	648.0	703.0	707.6		10.04
10)	L2	Toxaphene {4}	686.8	735.7	676.6	820.0	660.1	715.8		9.04
11)	L2	Toxaphene {5}	570.6	463.3	473.6	623.2	529.2	532.0		12.60
12)	S	DCB	23.2	20.9	21.6	19.8	19.7	21.0	E3	6.90

(#) = Out of Range

CLOR-TOX.M Tue Jun 29 10:11:04 1999 DELL

Quantitation Report

Signal #1 : C:\HPCHEM\6\DATA\990623\990623L4.D Vial: 4
Signal #2 : C:\HPCHEM\6\DATA\990623\990623L4.D\CONFIRM.D
Acq On : 23 Jun 99 11:28 AM Operator: mmp
Sample : Toxaphene L4 1000ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Jun 23 13:58 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Mon Jun 28 12:48:37 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

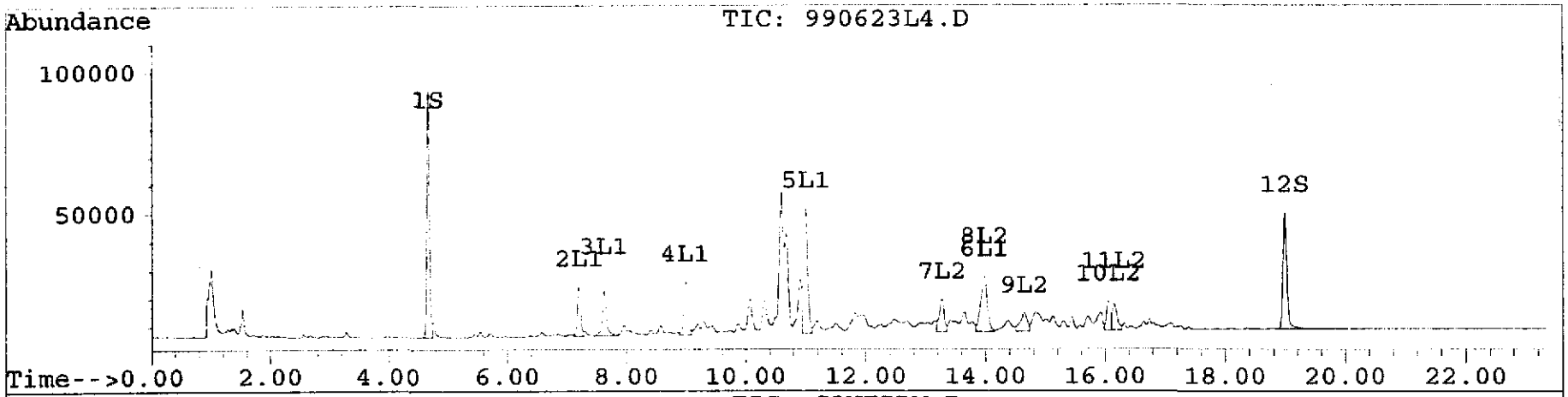
Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S TCMX	4.66	6.05	2649868	2621803	98.542	113.301
			Recovery	=	98.54%	113.30%
2) S DCB	18.99	20.66	1949821	1979464	113.846	128.540
			Recovery	=	113.85%	128.54%
Target Compounds						
2) L1 Chlordane	7.20	8.99	703921	620474	978.035	1177.286
3) L1 Chlordane {2}	7.63	9.49	797104	912295	1093.458	1033.422
4) L1 Chlordane {3}	9.00	12.26	922656	2034598	1037.849	1225.137
L1 Chlordane {4}	11.00	12.69	2172520	1977430	1107.368	1227.158
L1 Chlordane {5}	13.98	12.83	1512138	1662485	1138.833	1234.279
Total Chlordane			6108338	7207283	5355.542	5897.282
Average Chlordane					1071.108	1179.456
7) L2 Toxaphene	13.27	14.08	677082	440297	1026.122	1292.159
8) L2 Toxaphene {2}	13.98	14.72	1512138	1104908	1138.833	1373.303
9) L2 Toxaphene {3}	14.64	15.09	532541	736553	991.584	1351.091 #
10) L2 Toxaphene {4}	16.05	16.34	444725	737971	1090.510	1368.883
11) L2 Toxaphene {5}	16.15	16.52	558763	451809	1142.778	980.546
Total Toxaphene			3725249	3471538	5389.826	6365.982
Average Toxaphene					1077.965	1273.196

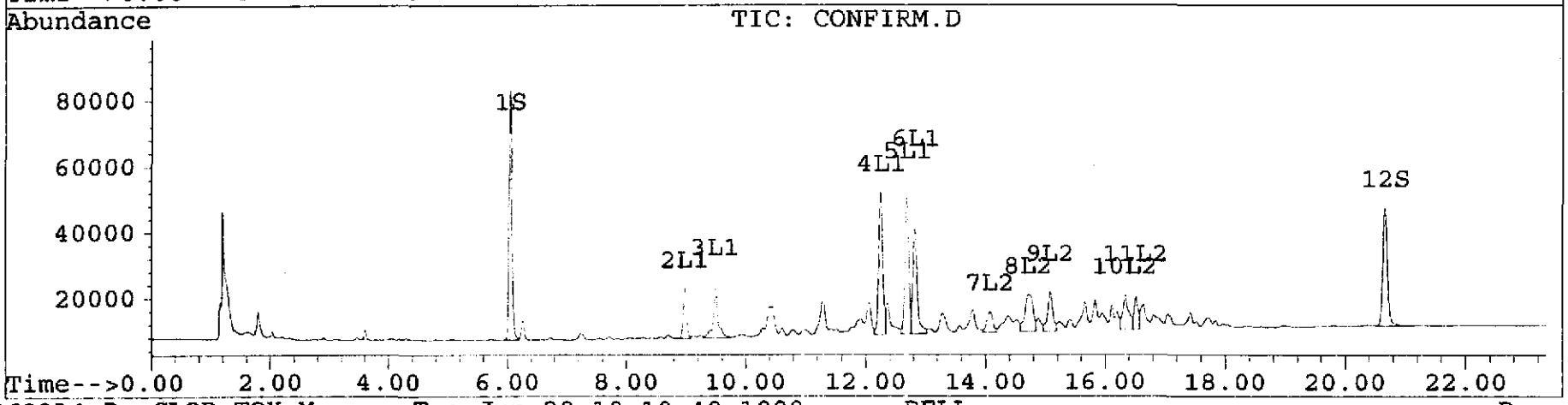
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : C:\HPCHEM\6\DATA\990623\990623L4.D Vial: 4
Signal #2 : C:\HPCHEM\6\DATA\990623\990623L4.D\CONFIRM.D
Acq On : 23 Jun 99 11:28 AM Operator: mmp
Sample : Toxaphene L4 1000ppb Inst : HP-2
Misc : Toxaphene Calibration Std Multiplr: 1.00
Quant Time: Jun 23 13:58 1999

Method : C:\HPCHEM\6\METHODS\CLOR-TOX.M
Title : PCB
Last Update : Mon Jun 28 12:48:37 1999
Response via : Multiple Level Calibration

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





990623.61

Narrative

Vicksburg Chemical

Second Quarter 1999
Monitoring Well Samples

Sampled: 06/18/99

Submitted to laboratory: 06/18/99

Argus Analytical, Inc.

Data Package Prepared: 06/30/99

Narrative

Samples AA76225-227 were equivalent except AA76226 and AA76227 were labeled "MS" and "MSD". These samples were processed as follows:

Organics.

AA76226 (MS) and AA76227 (MSD) were spiked for both volatiles, semivolatiles (dinoseb) and pesticides (toxaphene). The reported results for these samples are from the spiked samples.

The spiked results for these samples are also summarized in the attached table.

Metals.

AA76226 (MS) was spiked (arsenic) and reported on the spiked basis. AA76227 (MSD) was analyzed as a duplicate (no spike was added). The results are summarized in the attached table.

Argus Analytical, Inc. June 28, 1999

c:\d\w\aa76225.nar

Argus Analytical, Inc. Vicksburg Chemical

Metal	Unspiked AA76226	Duplicate AA76227	Precision %	Spike Amount	Spike Results AA72998	Recovery %
Arsenic	<0.005	<0.005	N/A	1.00	1.28	128

d:\d\I\AA76225

Argus Analytical, Inc. Vicksburg Chemical

Analyte	AA76225	Spike Amount	MS AA76226	Recovery %	MSD AA76227	Recovery %	Precision %
Dinoseb	0.154	0.02	0.163	45	0.158	20	77
Toxaphene	< 1.0	10.0	9.590	96	9.770	98	2
Benzene	<0.005	0.05	0.059	118	0.059	118	0
Chlorobenzene	<0.005	0.05	0.055	110	0.055	110	0
1,1-Dichloroethene	<0.005	0.05	0.055	110	0.051	102	8
Toluene	<0.005	0.05	0.059	118	0.060	120	2
Trichloroethene (TCE)	0.006	0.05	0.047	82	0.046	80	2

d:\d\l\aa76225

Toxaphene - ug/L
All other units - mg/L

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 095

Vicksburg Chemical company

Water RCRA

RECEIVED
APR 28 1999
Dept. of Environmental Quality
Office of Pollution Control

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

April 26, 1999

Re: Vicksburg Chemical Company
Groundwater Monitoring, 1st Quarter, 1999

Dear Mr. Bailey:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Results of analysis of other samples taken at the time were inadvertently included in 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. Keen

Enclosure

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 099

Vicksburg chemical company

FILE COPY
RCRA, Warren

RECEIVED
MAY 19 1999
Dept. of Environmental Quality
Office of Pollution Control

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

May 17, 1999

Re: Vicksburg Chemical Company
Groundwater Monitoring, 1st Quarter, 1999

Dear Mr. Bailey:

Please find enclosed results from Vicksburg Chemical's Monitoring Well 1A which were inadvertently omitted from the most recent 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. 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
3/31/99

Well No.	Water Elevation, ft. above MSL
1A	108.43
2	102.02
3	not sampled
4	107.01
5	82.5 (well dry, no sample)
6	90.38
7	94.57
8	104.49
9	112.31
10	109.86
11	98.19
12	110.57
13	111.19
14	108.11
16	109.92

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: 04/29/99

Date Sampled: 03/31/99
Time Sampled: 12:15
Sampled by: E.B.

Project ID/Location: 1999 Montoring Wells First Quarter

Date Received: 03/31/99

Sample Description: Montoring Well 1A

Sample Matrix: WATER

Sample Number: AA72997

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	0.077	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: Montoring Well 1A

Sample Number: AA72997

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	0.011	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/29/99

Date Sampled: 03/31/99
Time Sampled: 12:15
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: Montoring Well 1A Spike
Sample Matrix: WATER
Project Number:

Sample Number: AA72998

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	1.08	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	0.160	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	9.89	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	0.052	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	0.054	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	0.044	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: Montoring Well 1A Spike

Sample Number: AA72998

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	0.056	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	0.057	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

Monika E. A. Wolly

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: 04/29/99

Date Sampled: 03/31/99
Time Sampled: 12:15
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: *Montoring Well 1A Spike Dup*
Sample Matrix: WATER
Project Number:

Sample Number: AA72999

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	0.197	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	8.18	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	0.052	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	0.052	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	0.049	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: Montoring Well 1A Spike Dup

Sample Number: AA72999

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	0.054	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	0.057	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 13:15
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 2
Sample Matrix: WATER
Project Number:

Sample Number: AA73000

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 2

Sample Number: AA73000

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 13:30
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 4
Sample Matrix: WATER
Project Number:

Sample Number: AA73001

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 4

Sample Number: AA73001

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 11:00
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 6
Sample Matrix: WATER
Project Number:

Sample Number: AA73002

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 6

Sample Number: AA73002

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E. Wolf
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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 11:15
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 7
Sample Matrix: WATER
Project Number:

Sample Number: AA73003

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.010	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 7

Sample Number: AA73003

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 10:30
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 8
Sample Matrix: WATER
Project Number:

Sample Number: AA73004

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.043	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 8

Sample Number: AA73004

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 12:45
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 9
Sample Matrix: WATER
Project Number:

Sample Number: AA73005

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 9

Sample Number: AA73005

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99
Date Sampled: 03/31/99
Time Sampled: 11:45
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample
Date Received: 03/31/99

Sample Description: MW 10
Sample Matrix: WATER
Project Number:
Sample Number: AA73006
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/06/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 10

Sample Number: AA73006

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 10:45
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 12
Sample Matrix: WATER
Project Number:

Sample Number: AA73008

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.011	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 12

Sample Number: AA73008

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 11:30
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 11
Sample Matrix: WATER
Project Number:

Sample Number: AA73007

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 11

Sample Number: AA73007

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	0.019	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 13:00
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 13

Sample Matrix: WATER

Sample Number: AA73009

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 13

Sample Number: AA73009

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 12:30
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 14
Sample Matrix: WATER
Project Number:

Sample Number: AA73010

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

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: 04/19/99

Date Sampled: 03/31/99
Time Sampled: 12:00
Sampled by: E.B.

Project ID/Location: 1st Qtr. Montoring Well Sample

Date Received: 03/31/99

Sample Description: MW 16
Sample Matrix: WATER
Project Number:

Sample Number: AA73011

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.007	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/08/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: MW 16

Sample Number: AA73011

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

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: 04/19/99
Date Sampled: 03/31/99
Time Sampled:
Sampled by: E.B.

Project ID/Location: 1999 Montoring Wells First Quarter
Sample Description: Equipment Blank
Sample Matrix: WATER
Project Number:

Date Received: 03/31/99
Sample Number: AA73012
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	04/07/99
Dinoseb	ND	0.001	mg/L	8270	RLT	04/09/99
Toxaphene	ND	1	ug/L	8081	MMP	04/07/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260B	MMP	04/05/99
Acrylonitrile	ND	0.010	mg/L	8260B	MMP	04/05/99
Benzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromodichloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromoform	ND	0.005	mg/L	8260B	MMP	04/05/99
Bromomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
2-Butanone (MEK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Carbon disulfide	ND	0.005	mg/L	8260B	MMP	04/05/99
Carbon tetrachloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Chlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloroform	ND	0.005	mg/L	8260B	MMP	04/05/99
Chloromethane	ND	0.010	mg/L	8260B	MMP	04/05/99
Dibromochloromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dibromoethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Dibromomethane	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260B	MMP	04/05/99
1,2-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,4-Dichlorobenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99

Sample Description: Equipment Blank

Sample Number: AA73012

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2-Dichloropropane	ND	0.005	mg/L	8260B	MMP	04/05/99
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260B	MMP	04/05/99
Ethylbenzene	ND	0.005	mg/L	8260B	MMP	04/05/99
2-Hexanone	ND	0.010	mg/L	8260B	MMP	04/05/99
Iodomethane	ND	0.010	mg/L	8260B	MMP	04/05/99
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260B	MMP	04/05/99
Methylene chloride	ND	0.005	mg/L	8260B	MMP	04/05/99
Styrene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Toluene	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,1-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,1,2-Trichloroethane	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichloroethene (TCE)	ND	0.005	mg/L	8260B	MMP	04/05/99
Trichlorofluoromethane	ND	0.005	mg/L	8260B	MMP	04/05/99
1,2,3-Trichloropropane	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl acetate	ND	0.010	mg/L	8260B	MMP	04/05/99
Vinyl chloride	ND	0.001	mg/L	8260B	MMP	04/05/99
Xylenes (total)	ND	0.005	mg/L	8260B	MMP	04/05/99

ND = Not Detected

EPA 200.7/6010A was used by analysts BTH

argsmpr0

Monika E A Wolly
Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 069

Vicksburg chemical company

Received 1/25/99
mailed 1/22/99

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

January 22, 1999

Re: Vicksburg Chemical Company
Groundwater Monitoring, 4th Quarter, 1998

Dear Mr. Bailey:

As required by Commission Order 1253 87, please find enclosed the results of the latest sampling conducted. Results of analysis of other samples taken at the time were inadvertently included in this report. 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
12/17/98

Well No.	Water Elevation, ft. above MSL
1A	109.35
2	101.29
3	not sampled
4	107.01
5	82.5 (well dry, no sample)
6	85.53
7	88.05
8	103.20
9	111.14
10	109.07
11	98.9
12	109.57
13	110.27
14	108.36
16	109.67

Vicksburg Chemical Company
Groundwater Sampling
6/11/98

Well No.	Water Elevation, ft. above MSL
1A	108.24
2	99.27
3	not sampled
4	106.69
5	81.67
6	87.05
7	91.05
8	101.91
9	109.22
10	106.61
11	96.31
12	106.36
13	107.68
14	106.48
16	108.59

VICKSBURG CHEMICAL

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: December 17, 1998

Reported: January 12, 1999

Argus ANALYTICAL, INC.®

Jackson, Mississippi

Index of Report Contents

Cross References of Sample Descriptions, Sample numbers and Dates/Times Sampled

Analytical Reports. Includes Monitoring Wells, Trip blank, Duplicate and Matrix Spike.

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Inorganic (Metals) QC Summary

Organics QC Summary

- Blank results
- MS/MSD results and Precision
- Surrogate Recovery results
- Tune Data
- Calibration Summary
  - Initial
  - Continuing

Narrative

Sample Cross References

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

Sorted by Sample Description

Sample Number & Sample Description Cross Reference Argus Analytical, Inc.

Sample #	Sample Description		Collection Date	Collection Time
AA68705	Equipment Blank	W	12/17/98	
AA68715	Monitoring Well (MW) 10	W	12/17/98	14:00
AA68716	Monitoring Well (MW) 11	W	12/17/98	13:45
AA68717	Monitoring Well (MW) 12	W	12/17/98	14:15
AA68718	Monitoring Well (MW) 13	W	12/17/98	15:45
AA68719	Monitoring Well (MW) 14	W	12/17/98	15:30
AA68720	Monitoring Well (MW) 16	W	12/17/98	15:00
AA68706	Monitoring Well (MW) 1A	W	12/17/98	15:15
AA68707	Monitoring Well (MW) 1A Matrix Spike	W	12/17/98	15:15
AA68708	Monitoring Well (MW) 1A Spike Duplicate	W	12/17/98	15:15
AA68709	Monitoring Well (MW) 2	W	12/17/98	14:45
AA68710	Monitoring Well (MW) 4	W	12/17/98	16:15
AA68711	Monitoring Well (MW) 6	W	12/17/98	13:15
AA68712	Monitoring Well (MW) 7	W	12/17/98	13:00
AA68713	Monitoring Well (MW) 8	W	12/17/98	14:30
AA68714	Monitoring Well (MW) 9	W	12/17/98	16:00
AA68704	Trip Blank	W	/ /	

Analytical Reports

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

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: 12/22/98

Date Sampled:
Time Sampled:
Sampled by: R. Lackey

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Trip Blank

Sample Matrix: WATER

Sample Number: AA68704

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Trip Blank

Sample Number: AA68704

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled:
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Equipment Blank

Sample Number: AA68705

Sample Matrix: WATER

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.009	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Equipment Blank

Sample Number: AA68705

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/11/99

Date Sampled: 12/17/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 1A

Sample Matrix: WATER

Sample Number: AA68706

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	PLP	01/11/99
Dinoseb	0.18	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 1A

Sample Number: AA68706

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	0.011	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells
Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 1A Matrix Spike

Sample Matrix: WATER

Sample Number: AA68707

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	1.16	0.050	mg/L	206.2	DPF	01/07/99
Dinoseb	0.257	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	9.36	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	0.052	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	0.051	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	0.051	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 1A Matrix Spike

Sample Number: AA68707

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	0.055	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	0.063	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99
Date Sampled: 12/17/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter
Date Received: 12/21/98
Sample Description: Monitoring Well (MW) 1A Spike Duplicate
Sample Number: AA68708
Sample Matrix: WATER
Project Number:
Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	0.258	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	8.77	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	0.051	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	0.050	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	0.051	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 1A Spike Duplicate

Sample Number: AA68708

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	0.056	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	0.063	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 14:45
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 2

Sample Matrix: WATER

Sample Number: AA68709

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	0.005	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 2

Sample Number: AA68709

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 16:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 4

Sample Matrix: WATER

Sample Number: AA68710

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.005	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 4

Sample Number: AA68710

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 13:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 6

Sample Matrix: WATER

Sample Number: AA68711

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.008	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 6

Sample Number: AA68711

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 7

Sample Matrix: WATER

Sample Number: AA68712

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.019	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 7

Sample Number: AA68712

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 14:30
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 8

Sample Matrix: WATER

Sample Number: AA68713

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.035	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 8

Sample Number: AA68713

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

Monika E. A. Wolly

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 16:00
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 9

Sample Matrix: WATER

Sample Number: AA68714

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 9

Sample Number: AA68714

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 14:00
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 10

Sample Matrix: WATER

Sample Number: AA68715

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.010	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 10

Sample Number: AA68715

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 13:45
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 11

Sample Matrix: WATER

Sample Number: AA68716

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	0.029	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 11

Sample Number: AA68716

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	0.021	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 14:15
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 12

Sample Number: AA68717

Sample Matrix: WATER

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.012	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: *Monitoring Well (MW) 12*

Sample Number: AA68717

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 15:45
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 13

Sample Matrix: WATER

Sample Number: AA68718

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.008	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	12/31/98
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 13

Sample Number: AA68718

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 15:30
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 14

Sample Matrix: WATER

Sample Number: AA68719

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	01/01/99
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/21/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/21/98
Benzene	ND	0.005	mg/L	8260	MMP	12/21/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/21/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/21/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/21/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/21/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/21/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/21/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/21/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/21/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/21/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98

Sample Description: Monitoring Well (MW) 14

Sample Number: AA68719

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/21/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/21/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/21/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/21/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/21/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/21/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/21/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/21/98
Styrene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Toluene	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/21/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/21/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/21/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/21/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/21/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/21/98

ND = Not Detected

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: 01/08/99

Date Sampled: 12/17/98
Time Sampled: 15:00
Sampled by: E. Blush

Project ID/Location: 1998 Monitoring Wells Fourth Quarter

Date Received: 12/21/98

Sample Description: Monitoring Well (MW) 16

Sample Matrix: WATER

Sample Number: AA68720

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.006	0.005	mg/L	206.2	DPF	01/07/99
Dinoseb	ND	0.01	mg/L	8270	RLT	01/01/99
Toxaphene	ND	1	ug/L	8081	MMP	01/04/99
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	12/22/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	12/22/98
Benzene	ND	0.005	mg/L	8260	MMP	12/22/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	12/22/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	12/22/98
Bromoform	ND	0.005	mg/L	8260	MMP	12/22/98
Bromomethane	ND	0.010	mg/L	8260	MMP	12/22/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	12/22/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	12/22/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	12/22/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	12/22/98
Chloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
Chloroform	ND	0.005	mg/L	8260	MMP	12/22/98
Chloromethane	ND	0.010	mg/L	8260	MMP	12/22/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	12/22/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	12/22/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	12/22/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	12/22/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/22/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	12/22/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/22/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/22/98

Sample Description: Monitoring Well (MW) 16

Sample Number: AA68720

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	12/22/98
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	12/22/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/22/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	12/22/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	12/22/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	12/22/98
Iodomethane	ND	0.010	mg/L	8260	MMP	12/22/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	12/22/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	12/22/98
Styrene	ND	0.005	mg/L	8260	MMP	12/22/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	12/22/98
Toluene	ND	0.005	mg/L	8260	MMP	12/22/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	12/22/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	12/22/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	12/22/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	12/22/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	12/22/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	12/22/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	12/22/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argsmpr0

Chain of Custodies

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

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

Client Name: Vicksburg Chemical Address: PO Box 821003 Vicksburg MS 39182 Attn: Eric Blush	Project Name/Location: 4th Quarter Well Samples 1998 Sampler (print/signature): Eric Blush [signature]	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		Trip Blank							AA68704
2		Equip. Blank	12-17-98		SK	G	5	Toxaphene Dinoseb Volatiles Arsenic	AA68705
3		Monitoring Well (MW) 1A		1515					AA68706
4	*Spike	MW 1A		1515					AA68707
5	*Spike Dupe	MW 1A		1515					AA68708
6		MW 2		1445					AA68709
7		MW 4		1615					AA68710
8		~~MW 5~~		OMIT				OMIT DRY	
9		MW 6		1315					AA68711
10		MW 7		1300					AA68712

* Per Eric on 12/21/98 #4 is Spike ; #5 is Spike Dupe

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
[signature]	12-18-98 1155	Mary Ann Richards	12/18/98 11:55				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

[illegible]ers\public\forms[illegible]05.wk1 [illegible] on [illegible] same [illegible] P.O. # [illegible] 650

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

Client Name: Vicksburg Chemical Address: PO Box 821003 Vicksburg MS 39182 Attn Eric Blush	Project Name/Location: 4th Quarter Well Samples 1998 Sampler (print/signature): Eric Blush [signature]	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)
11		M.W. 8	12-17-98	1430	SB	G	5	Toxaphene Dinoseb Volatiles Arsenic	AA68713
12		MW 9		1600					AA68714
13		MW 10		1400					AA68715
14		MW 11		1345					AA68716
15		MW 12		1415					AA68717
16		MW 13		1545					AA68718
17		MW 14		1530					AA68719
18		MW 16		1500					AA68720
19		~~MW~~ Outfall 001A	12-18-98	0800		C		Toxaphene [redacted]	~~AA68721~~ *
20		Outfall 001A	12-18-98	0800		C		Nickel	↓

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
[signature]	12-18-98 1155	Mary Ann Richards	12/18/98 11:55				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

[redacted]ers\pu[redacted]rms\c[redacted]95.wk1 [redacted] PO # 01-[redacted]25[redacted]30 [redacted] * [redacted] cup[redacted] [redacted] sample was reported separately.

Holding Time Report
Organics

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

Holding Time Summary

Argus Analytical, Inc.

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
AA68704	Volatile Organics (Appendix I of 258)	W	/ /	12/21/98	0
AA68705	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68706	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68707	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68708	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68709	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68710	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68711	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68712	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68713	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68714	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68715	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5

(1) From date of sampling

Sample Number	Analysis		Date: Sample Collection	Date: Analysis Started	Total # of Days (1)
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68716	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68717	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68718	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	12/31/98	14
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68719	Volatile Organics (Appendix I of 258)	W	12/17/98	12/21/98	4
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	01/01/99	15
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18
AA68720	Volatile Organics (Appendix I of 258)	W	12/17/98	12/22/98	5
	Prep - Acid Extractables	w	12/17/98	12/22/98	5
	Dinoseb	W	12/17/98	01/01/99	15
	Prep - Pesticides/PCBs in water	w	12/17/98	12/22/98	5
	Toxaphene	W	12/17/98	01/04/99	18

(1) From date of sampling

Inorganic (Metals) QC Summary

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

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 (--).

Inorganic QC Data Summary

	Blank	Sample			Spike
		Results	Duplicate	% RPD	% Recovery
AA68720					
Arsenic	ND	0.006000	0.006000	0	122
AA69066					
Arsenic	ND	0.007000	0.007000	0	109
AA69338					
Arsenic	ND	0.022000	0.021000	4	83

QC Sample Cross Reference - Inorganics

Sample number: **AA68705**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69338	AS__G-23948

Sample number: **AA68706**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69066	AS__G-23982

Sample number: **AA68707**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69338	AS__G-23948

Sample number: **AA68708**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69338	AS__G-23948

Sample number: **AA68709**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69338	AS__G-23948

Sample number: **AA68710**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA69338	AS__G-23948

(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: **AA68711**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68712**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68713**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68714**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68715**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68716**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

(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: **AA68717**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68718**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68719**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

Sample number: **AA68720**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA68720	AS__G-23949

(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

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

Volatile Organics – QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Date: 12/18/98 (received)

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - % Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	68704	981221	103	103	106
AA	68705	981221	102	104	107
AA	68706	981221	102	105	105
AA	68707	981221	102	103	107
AA	68708	981221	108	105	104
AA	68709	981221	103	103	109
AA	68710	981221	101	106	106
AA	68711	981221	103	107	108
AA	68712	981221	116	96	106
AA	68713	981221	101	109	110
AA	68714	981221	106	100	104
AA	68715	981221	106	106	105
AA	68716	981221	105	108	108
AA	68717	981221	106	105	106
AA	68718	981221	103	109	104
AA	68719	981221	77	107	108
AA	68720	981221	101	108	106

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\981221\98122109.D
Acq On : 21 Dec 98 2:23 pm
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL; IS/Sur @ 50ppb
Quant Time: Dec 21 14:47 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	10.97	168	116734	50.00 ug/L	0.02
25) 1,4-difluorobenzene	11.94	114	158979	50.00 ug/L	0.02
42) Chlorobenzene-d5	15.45	82	71667	50.00 ug/L	0.01
54) 1,4-dichlorobenzene-d4	18.37	152	40845	50.00 ug/L	0.01
System Monitoring Compounds					%Recovery
23) dibromofluoromethane	10.90	113	78816	50.81 ug/L	101.62%
37) toluene-d8	13.76	98	163790	53.63 ug/L	107.26%
56) 4-bromofluorobenzene	16.86	95	57238	53.51 ug/L	107.02%
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85		Not Detected	
3) chloromethane	0.00	50		Not Detected	
4) vinyl chloride*	0.00	62		Not Detected	
5) bromomethane	0.00	94		Not Detected	
6) chloroethane	0.00	64		Not Detected	
7) trichlorofluoromethane	0.00	101		Not Detected	
8) 1,1-dichloroethene*	0.00	61		Not Detected	
9) Iodomethane	0.00	142		Not Detected	
10) Carbon disulfide	0.00	76		Not Detected	
11) methylene chloride	8.97	84	6513	6.51 ug/L #	81
12) trans-1,2-dichloroethene	0.00	61		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Methyl ethyl ketone*	0.00	43		Not Detected	
15) Acrolein	0.00	56		Not Detected	
16) Acrylonitrile	0.00	53		Not Detected	
17) 1,1-dichloroethane	0.00	63		Not Detected	
18) Vinyl acetate	0.00	43		Not Detected	
19) 2,2-dichloropropane	0.00	77		Not Detected	
20) cis-1,2-dichloroethene	0.00	96		Not Detected	
21) bromochloromethane	0.00	128		Not Detected	
22) chloroform*	0.00	83		Not Detected	
24) 1,1,1-trichloroethane	0.00	97		Not Detected	
26) carbon tetrachloride*	0.00	117		Not Detected	
27) 1,1-dichloropropene	0.00	75		Not Detected	
28) benzene*	0.00	78		Not Detected	
29) 1,2-dichloroethane*	0.00	62		Not Detected	
30) trichloroethene*	0.00	95		Not Detected	
31) 1,2-dichloropropane	0.00	63		Not Detected	
32) dibromomethane	0.00	93		Not Detected	
33) bromodichloromethane	0.00	83		Not Detected	
34) 2-Chloroethylvinyl ether	0.00	63		Not Detected	
35) cis-1,3-dichloropropene	0.00	75		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\981221\98122109.D
Acq On : 21 Dec 98 2:23 pm
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL; IS/Sur @ 50ppb
Quant Time: Dec 21 14:47 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Multiple Level Calibration

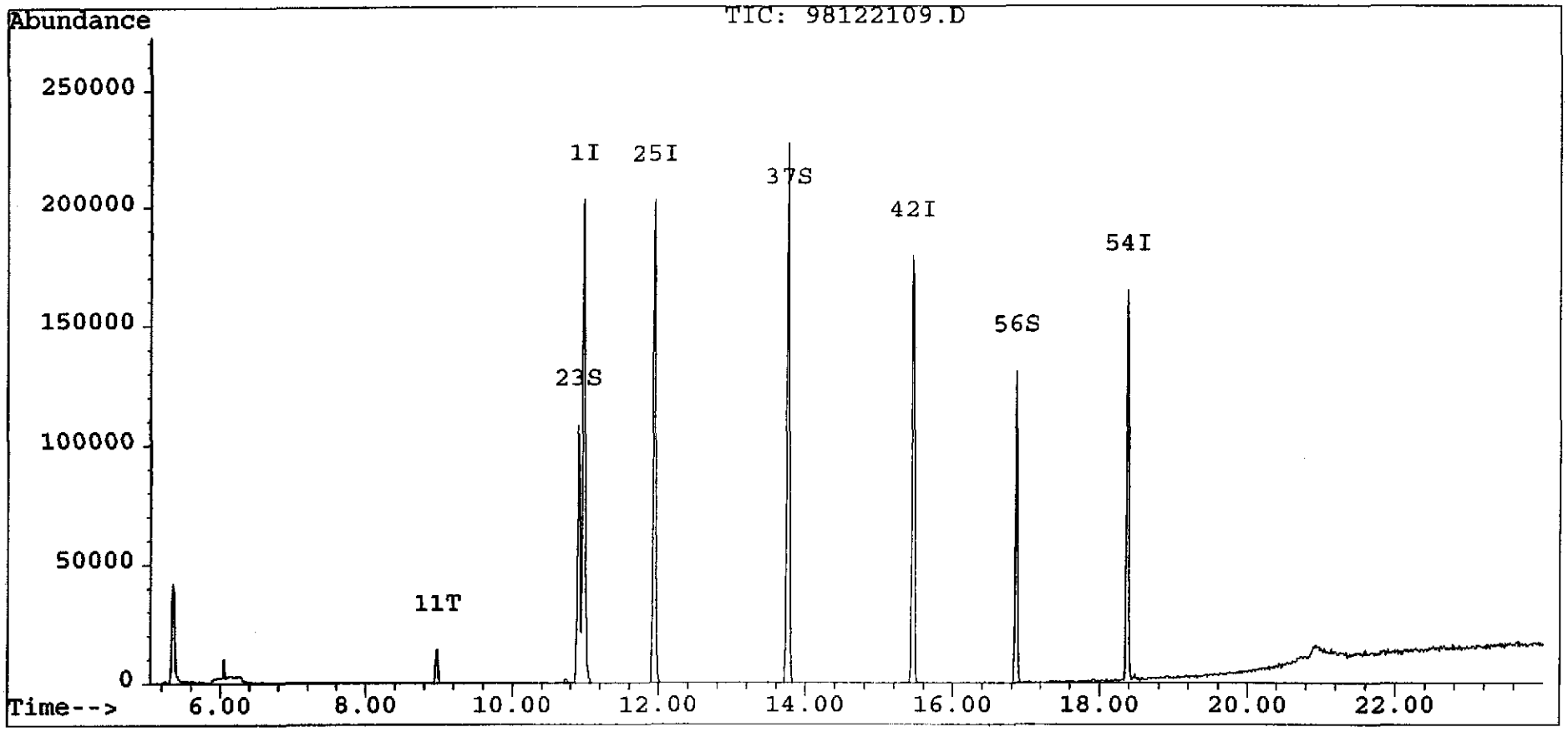
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	4-Methyl-2-pentanone	0.00	43		Not Detected	
38)	toluene	0.00	92		Not Detected	
39)	trans-1,3-dichloropropene	0.00	75		Not Detected	
40)	1,1,2-trichloroethane	0.00	83		Not Detected	
41)	2-Hexanone	0.00	43		Not Detected	
43)	tetrachloroethene*	0.00	166		Not Detected	
44)	1,3-dichloropropane	0.00	76		Not Detected	
45)	dibromochloromethane	0.00	127		Not Detected	
46)	1,2-dibromoethane	0.00	107		Not Detected	
47)	chlorobenzene*	0.00	112		Not Detected	
48)	1,1,1,2-tetrachloroethane	0.00	131		Not Detected	
49)	ethylbenzene	0.00	91		Not Detected	
50)	m,p-xylene	0.00	106		Not Detected	
51)	o-xylene	0.00	106		Not Detected	
52)	styrene	0.00	104		Not Detected	
53)	bromoform	0.00	173		Not Detected	
55)	isopropylbenzene	0.00	105		Not Detected	
57)	bromobenzene	0.00	156		Not Detected	
58)	1,1,2,2-tetrachloroethane	0.00	83		Not Detected	
59)	1,2,3-trichloropropane	0.00	110		Not Detected	
60)	n-propylbenzene	0.00	91		Not Detected	
61)	2-chlorotoluene	0.00	91		Not Detected	
62)	4-chlorotoluene	0.00	91		Not Detected	
63)	1,3,5-trimethylbenzene	0.00	105		Not Detected	
64)	tert-butylbenzene	0.00	91		Not Detected	
65)	1,2,4-trimethylbenzene	0.00	105		Not Detected	
66)	sec-butylbenzene	0.00	105		Not Detected	
67)	1,3-dichlorobenzene	0.00	146		Not Detected	
68)	4-isopropyltoluene	0.00	119		Not Detected	
69)	1,4-dichlorobenzene	0.00	146		Not Detected	
70)	1,2-dichlorobenzene	0.00	146		Not Detected	
71)	n-butylbenzene	0.00	91		Not Detected	
72)	1,2-dibromo-3-chloropropan	0.00	75		Not Detected	
73)	1,2,4-trichlorobenzene	0.00	180		Not Detected	
74)	hexachlorobutadiene	0.00	225		Not Detected	
75)	naphthalene	0.00	128		Not Detected	
76)	1,2,3-trichlorobenzene	0.00	180		Not Detected	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\981221\98122109.D
Acq On : 21 Dec 98 2:23 pm
Sample : 8260 Blank 5mL Water
Misc : Water : 5mL; IS/Sur @ 50ppb
Quant Time: Dec 21 14:47 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Multiple Level Calibration



981221.12

Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Initial Calibration

Non-Spiked Sample: 98122112.D

	Spike Sample	Spike Duplicate Sample
File ID :	98122113.D	98122114.D
Sample :	AA68707 5mL Water MS	AA68708 5mL Water MSD
Acq Time:	21 Dec 98 4:26 pm	21 Dec 98 4:57 pm

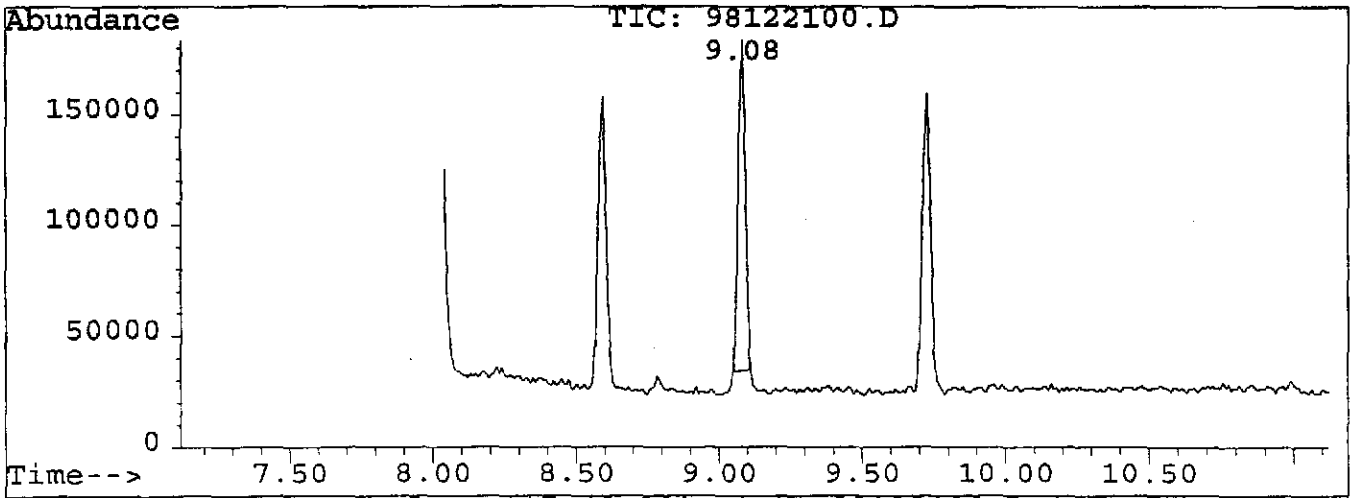
Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
1,1-dichloroethene*	0.0	50	51	51	102	102	1	14	61-145
benzene*	0.0	50	52	51	104	102	1	11	76-127
trichloroethene*	10.7	50	63	63	104	104	0	14	71-120
toluene	0.0	50	55	56	110	112	1	13	76-125
chlorobenzene*	0.0	50	51	50	102	100	2	13	75-130

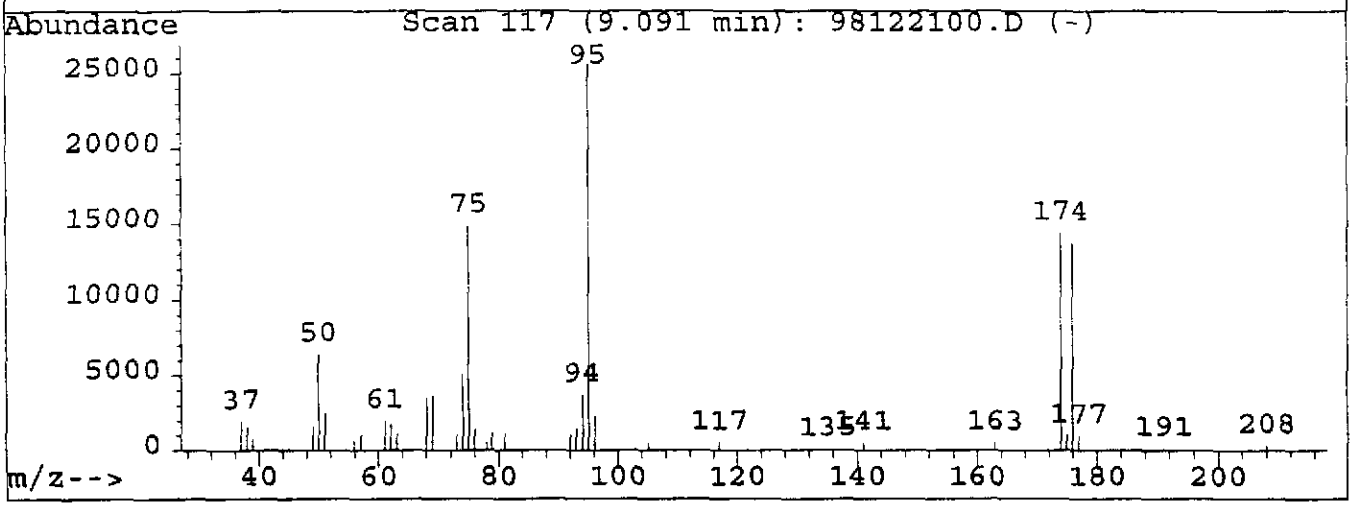
SW-846 Method 8260

Data File : C:\HPCHEM\1\DATA\981221\98122100.D
Acq On : 21 Dec 98 9:37 am
Sample : BFB Tune Check
Misc : Tune Check

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260





Peak Apex is scan: 120

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.0	6411	PASS
75	95	30	60	58.0	14873	PASS
95	95	100	100	100.0	25649	PASS
96	95	5	9	9.0	2297	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	56.2	14420	PASS
175	174	5	9	7.4	1060	PASS
176	174	95	101	95.7	13795	PASS
177	176	5	9	7.0	961	PASS

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Initial Calibration

Calibration Files
1 =981201L1.D 2 =981201L2.D 3 =981201L3.D
4 =981201L4.D 5 =981201L5.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	pentafluorobenzene	----------ISTD----------						
2)	T	dichlorodifluorometha	1.065	1.076	1.075	1.083	1.116	1.083	1.81
3)	P	chloromethane	1.065	1.120	1.129	1.108	1.138	1.112	2.58
4)	C	vinyl chloride*	0.652	0.638	0.624	0.630	0.636	0.636	1.68
5)	T	bromomethane	0.368	0.391	0.405	0.397	0.418	0.396	4.64
6)	T	chloroethane	0.305	0.312	0.302	0.310	0.317	0.309	1.95
7)	T	trichlorofluoromethan	1.560	1.596	1.567	1.587	1.601	1.582	1.13
8)	CM	1,1-dichloroethene*	0.917	0.904	0.931	0.960	0.971	0.936	3.03
9)	T	Iodomethane	0.108	0.086	0.088	0.094	0.102	0.096	10.08
10)	T	Carbon disulfide	0.138	0.117	0.115	0.117	0.135	0.125	9.07
11)	T	methylene chloride	0.415	0.448	0.421	0.433	0.424	0.428	2.98
12)	T	trans-1,2-dichloroeth	0.774	0.777	0.792	0.833	0.824	0.800	3.36
13)	T	Acetone	0.009	0.035	0.046	0.043		0.033	51.00
14)	T	Methyl ethyl ketone*	0.055	0.057	0.065	0.068	0.074	0.064	12.64
15)	T	Acrolein						0.000#	-1.00
16)	T	Acrylonitrile						0.000#	-1.00
17)	P	1,1-dichloroethane	0.886	0.918	0.906	0.947	0.953	0.922	3.07
18)	T	Vinyl acetate	0.334	0.459	0.406	0.432	0.440	0.414	11.72
19)	T	2,2-dichloropropane	0.843	0.841	0.834	0.871	0.846	0.847	1.68
20)	T	cis-1,2-dichloroethen	0.409	0.423	0.416	0.435	0.427	0.422	2.40
21)	T	bromochloromethane	0.161	0.172	0.171	0.177	0.178	0.172	3.75
22)	C	chloroform*	1.086	1.107	1.095	1.143	1.119	1.110	2.01
23)	S	dibromofluoromethane	0.651	0.672	0.658	0.683	0.658	0.664	1.91
24)	T	1,1,1-trichloroethane	1.049	1.066	1.095	1.153	1.091	1.091	3.63
25)	I	1,4-difluorobenzene	----------ISTD----------						
26)	T	carbon tetrachloride*	0.663	0.624	0.638	0.654	0.625	0.641	2.67
27)	T	1,1-dichloropropene	0.450	0.443	0.454	0.475	0.462	0.457	2.67
28)	M	benzene*	0.875	0.869	0.858	0.913	0.916	0.886	2.99
29)	T	1,2-dichloroethane*	0.547	0.572	0.556	0.567	0.563	0.561	1.80
30)	M	trichloroethene*	0.345	0.358	0.360	0.382	0.374	0.364	3.94
31)	C	1,2-dichloropropane	0.223	0.217	0.211	0.222	0.222	0.219	2.27
32)	T	dibromomethane	0.146	0.151	0.146	0.151	0.153	0.149	2.03
33)	T	bromodichloromethane	0.463	0.481	0.473	0.491	0.490	0.480	2.47
34)	T	2-Chloroethylvinyl et	0.184	0.194	0.203	0.222	0.216	0.204	7.53
35)	T	cis-1,3-dichloroprope	0.269	0.269	0.275	0.279	0.271	0.273	1.62
36)	T	4-Methyl-2-pentanone	0.114	0.121	0.111	0.112	0.136	0.119	8.85
37)	S	toluene-d8	0.994	0.938	0.959	0.948	0.963	0.960	2.24
38)	M	toluene	0.518	0.501	0.519	0.530	0.521	0.518	2.06
39)	T	trans-1,3-dichloropro	0.199	0.221	0.221	0.231	0.227	0.220	5.61
40)	T	1,1,2-trichloroethane	0.092	0.105	0.100	0.106	0.107	0.102	6.04
41)	T	2-Hexanone	0.055	0.064	0.061	0.061	0.064	0.061	5.95

(#) = Out of Range

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
Response via : Initial Calibration

Calibration Files
1 =981201L1.D 2 =981201L2.D 3 =981201L3.D
4 =981201L4.D 5 =981201L5.D

		Compound	1	2	3	4	5	Avg	%RSD
42)	I	Chlorobenzene-d5	----------ISTD----------						
43)	T	tetrachloroethene*	0.591	0.589	0.582	0.636	0.569	0.594	4.25
44)	T	1,3-dichloropropane	0.426	0.449	0.426	0.440	0.424	0.433	2.55
45)	T	dibromochloromethane	0.376	0.414	0.400	0.417	0.413	0.404	4.20
46)	T	1,2-dibromoethane	0.143	0.142	0.126	0.138	0.132	0.136	5.12
47)	M	chlorobenzene*	1.114	1.148	1.141	1.199	1.131	1.147	2.77
48)	T	1,1,1,2-tetrachloroet	0.594	0.615	0.585	0.594	0.554	0.589	3.79
49)	C	ethylbenzene	2.323	2.344	2.377	2.509	2.270	2.365	3.80
50)	T	m,p-xylene	0.677	0.733	0.765	0.829	0.750	0.751	7.34
51)	T	o-xylene	0.692	0.739	0.766	0.814	0.742	0.751	5.94
52)	T	styrene	0.891	0.904	0.928	0.992	0.923	0.928	4.19
53)	P	bromoform	0.172	0.188	0.193	0.194	0.197	0.189	5.32
54)	I	1,4-dichlorobenzene-d	----------ISTD----------						
55)	T	isopropylbenzene	2.832	3.003	3.113	3.225	2.741	2.983	6.65
56)	S	4-bromofluorobenzene	1.356	1.266	1.321	1.315	1.289	1.309	2.59
57)	T	bromobenzene	0.605	0.611	0.617	0.649	0.627	0.622	2.80
58)	P	1,1,2,2-tetrachloroet	0.344	0.366	0.374	0.385	0.383	0.370	4.43
59)	T	1,2,3-trichloropropan	0.119	0.132	0.119	0.119	0.115	0.121	5.38
60)	T	n-propylbenzene	3.038	3.576	3.736	4.064	3.388	3.560	10.76
61)	T	2-chlorotoluene	2.797	3.039	3.218	3.319	2.808	3.036	7.78
62)	T	4-chlorotoluene	2.475	2.659	2.666	2.842	2.496	2.628	5.68
63)	T	1,3,5-trimethylbenzen	2.357	2.923	3.128	3.283	2.978	2.934	11.99
64)	T	tert-butylbenzene	2.206	2.767	2.902	2.910	2.768	2.711	10.71
65)	T	1,2,4-trimethylbenzen	2.329	2.869	2.905	3.197	2.621	2.784	11.73
66)	T	sec-butylbenzene	2.068	2.692	2.876	2.950	2.960	2.709	13.81
67)	T	1,3-dichlorobenzene	1.075	1.240	1.225	1.344	1.149	1.207	8.37
68)	T	4-isopropyltoluene	2.131	2.424	2.464	2.402	2.217	2.328	6.24
69)	T	1,4-dichlorobenzene	1.074	1.247	1.218	1.329	1.115	1.197	8.58
70)	T	1,2-dichlorobenzene	0.938	1.068	1.070	1.142	0.977	1.039	7.84
71)	T	n-butylbenzene	1.971	2.503	2.489	2.455	2.454	2.374	9.54
72)	T	1,2-dibromo-3-chlorop	0.118	0.105	0.101	0.109	0.097	0.106	7.36
73)	T	1,2,4-trichlorobenzen	0.389	0.531	0.535	0.545	0.520	0.504	12.89
74)	T	hexachlorobutadiene	0.213	0.261	0.261	0.268	0.249	0.250	8.84
75)	T	naphthalene	0.773	0.948	0.985	1.019	0.911	0.927	10.28
76)	T	1,2,3-trichlorobenzen	0.282	0.373	0.401	0.383	0.360	0.360	12.76

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\981221\98122108.D Vial: 7
Acq On : 21 Dec 98 1:51 pm Operator: mmp
Sample : 8260 Con Cal 50ppb Water Inst : 5972 - In
Misc : Water : 5mL Con Cal @ 50ppb Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Fri Dec 11 09:11:42 1998
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	83	0.02
2	T	dichlorodifluoromethane	1.083	0.838	22.6#	64	0.02
3	P	chloromethane	1.112	0.934	16.0	69	0.02
4	C	vinyl chloride*	0.636	0.526	17.3	68	0.02
5	T	bromomethane	0.396	0.421	-6.5	89	0.02
6	T	chloroethane	0.309	0.273	11.5	72	0.02
7	T	trichlorofluoromethane	1.582	1.444	8.7	75	0.01
8	CM	1,1-dichloroethene*	0.936	0.867	7.4	79	0.02
9	T	Iodomethane	0.096	0.100	-5.1	97	0.02
10	T	Carbon disulfide	0.125	0.092	26.2#	65	0.01
11	T	methylene chloride	0.428	0.436	-1.8	81	0.01
12	T	trans-1,2-dichloroethene	0.800	0.781	2.4	83	0.02
13	T	Acetone	0.033	0.011	68.0#	101	0.00
14	T	Methyl ethyl ketone*	0.064	0.052	19.3	75	0.04
[illegible]	T	Acrolein	0.000	0.000#	0.0	0#	-8.40#
[illegible]	T	Acrylonitrile	0.000	0.000#	0.0	0#	-9.07#
17	P	1,1-dichloroethane	0.922	0.941	-2.1	85	0.01
18	T	Vinyl acetate	0.414	0.383	7.5	69	0.01
19	T	2,2-dichloropropane	0.847	0.719	15.2	71	0.01
20	T	cis-1,2-dichloroethene	0.422	0.408	3.4	80	0.01
21	T	bromochloromethane	0.172	0.171	0.5	82	0.01
22	C	chloroform*	1.110	1.185	-6.7	89	0.02
23	S	dibromofluoromethane	0.664	0.696	-4.7	86	0.02
24	T	1,1,1-trichloroethane	1.091	1.123	-3.0	87	0.01
25	I	1,4-difluorobenzene	1.000	1.000	0.0	80	0.02
26	T	carbon tetrachloride*	0.641	0.670	-4.6	86	0.01
27	T	1,1-dichloropropene	0.457	0.436	4.6	78	0.01
28	M	benzene*	0.886	0.858	3.1	79	0.02
29	T	1,2-dichloroethane*	0.561	0.627	-11.7	87	0.01
30	M	trichloroethene*	0.364	0.357	1.8	80	0.01
31	C	1,2-dichloropropane	0.219	0.227	-3.8	83	0.01
32	T	dibromomethane	0.149	0.168	-12.1	89	0.01
33	T	bromodichloromethane	0.480	0.521	-8.7	86	0.01
34	T	2-Chloroethylvinyl ether	0.204	0.000#	100.0#	0#	-12.67#
35	T	cis-1,3-dichloropropene	0.273	0.273	-0.2	81	0.02
36	T	4-Methyl-2-pentanone	0.119	0.119	-0.1	79	0.01
37	S	toluene-d8	0.960	0.990	-3.1	84	0.02
38	M	toluene	0.518	0.512	1.0	82	0.01
[illegible]	T	trans-1,3-dichloropropene	0.220	0.219	0.5	79	0.01
[illegible]	T	1,1,2-trichloroethane	0.102	0.098	3.7	75	0.01
41	T	2-Hexanone	0.061	0.061	-0.6	77	0.02
42	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.01
43	T	tetrachloroethene*	0.594	0.482	18.9	73	0.01
44	T	1,3-dichloropropane	0.433	0.412	4.9	82	0.01

45	T	dibromochloromethane	0.404	0.372	7.9	80	0.01
46	T	1,2-dibromoethane	0.136	0.147	-7.7	93	0.01
47	M	chlorobenzene*	1.147	1.011	11.8	79	0.02
48	T	1,1,1,2-tetrachloroethane	0.589	0.565	3.9	82	0.01
49	C	ethylbenzene	2.365	2.207	6.7	84	0.01
[illegible]	T	m,p-xylene	0.751	0.657	12.5	80	0.01
[illegible]	T	o-xylene	0.751	0.655	12.7	79	0.01
52	T	styrene	0.928	0.793	14.5	78	0.01
53	P	bromoform	0.189	0.164	13.0	78	0.01
54	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	88	0.01
55	T	isopropylbenzene	2.983	2.938	1.5	86	0.01
56	S	4-bromofluorobenzene	1.309	1.318	-0.7	91	0.01
57	T	bromobenzene	0.622	0.538	13.4	77	0.02
58	P	1,1,2,2-tetrachloroethane	0.370	0.350	5.4	84	0.02
59	T	1,2,3-trichloropropane	0.121	0.115	5.2	76	0.02
60	T	n-propylbenzene	3.560	3.470	2.5	85	0.01
61	T	2-chlorotoluene	3.036	3.004	1.1	87	0.02
62	T	4-chlorotoluene	2.628	2.315	11.9	76	0.01
63	T	1,3,5-trimethylbenzene	2.934	2.718	7.4	82	0.01
64	T	tert-butylbenzene	2.711	2.812	-3.7	89	-0.01
65	T	1,2,4-trimethylbenzene	2.784	2.600	6.6	80	-0.01
66	T	sec-butylbenzene	2.709	2.723	-0.5	89	0.01
67	T	1,3-dichlorobenzene	1.207	1.108	8.2	78	0.01
68	T	4-isopropyltoluene	2.328	2.405	-3.3	87	0.01
69	T	1,4-dichlorobenzene	1.197	1.083	9.5	76	0.01
70	T	1,2-dichlorobenzene	1.039	0.941	9.4	77	0.01
71	T	n-butylbenzene	2.374	2.559	-7.8	90	0.02
72	T	1,2-dibromo-3-chloropropane	0.106	0.098	7.9	81	0.00
73	T	1,2,4-trichlorobenzene	0.504	0.463	8.1	77	0.01
74	T	hexachlorobutadiene	0.250	0.339	-35.3#	114	0.02
[illegible]	T	naphthalene	0.927	0.786	15.2	73	0.01
[illegible]	T	1,2,3-trichlorobenzene	0.360	0.345	4.0	81	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

981201L2.D 8260-H2O.M Mon Dec 21 14:23:21 1998 VOLATILES

Narrative

Vicksburg Chemical

Quarterly Monitoring
Fourth Quarter, 1998

Sampled: 12/17/98

Argus Analytical, Inc.

Reported: 01/12/99

Narrative

Samples AA68706-708 were equivalent except AA68707 and AA68708 were labeled "MS" and "MSD". These samples were processed as follows:

Organics.

AA68707 (MS) and AA68708 (MSD) were spiked for both volatiles, semivolatiles (dinoseb) and pesticides (toxaphene). The reported results for these samples are from the spiked samples.

The spiked results for these samples are also summarized in the attached table.

Metals.

AA68707 (MS) was spiked (arsenic) and reported on the spiked basis. AA68708 (MSD) was analyzed as a duplicate (no spike was added). The results are summarized in the attached table.

Argus Analytical, Inc. January 12, 1999

c:\d\w\aa68706.nar

Argus Analytical, Inc. Vicksburg Chemical

Analyte	AA68706	Spike Amount	MS AA68707	Recovery %	MSD AA68708	Precision %
Dinoseb	0.180	0.10	0.257	77	0.258	0
Toxaphene	< 1	10.0	9.360	94	8.770	7
Benzene		0.05	0.052	104	0.051	2
Chlorobenzene		0.05	0.051	102	0.050	2
1,1-Dichloroethene		0.05	0.051	102	0.051	0
Toluene		0.05	0.055	110	0.056	2
Trichloroethene (TCE)	0.011	0.05	0.063	104	0.063	0

d:\d\\aa68706O

Argus Analytical, Inc. Vicksburg Chemical

Metal	Unspiked AA68706	Duplicate AA68708	Precision %	Spike Amount	Spike Results AA68707	Recovery %
Arsenic	<0.005	0.005	N/A	1.00	1.16	116

d:\d\I\AA68706

Vicksburg Chemical

Third Quarter Monitoring

Date Sampled: September 22, 1998

Date Reported: October 2, 1998

Argus ANALYTICAL, INC.®

Jackson, Mississippi

Index of Report Contents

Cross References of Sample Descriptions, Sample numbers and Dates/Times Sampled

Analytical Reports. Includes Monitoring Wells, Trip blank, Duplicate and Matrix Spike.

Chain of Custodies

Holding Time Report - Organics

Inorganic (Metals) QC Summary

Organics QC Summary

- Blank results
- MS/MSD results and Precision
- Surrogate Recovery results
- Tune Data
- Calibration Summary
  - Initial
  - Continuing

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OCT 2 9 1998

Argus

Cross References

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

Sample Number & Sample Description Cross Reference Argus Analytical, Inc.

Sample #	Sample Description	Collection Date	Collection Time
AA64209	Equipment Blank	09/22/98	16:30
AA64213	M.W. 2	09/22/98	14:00
AA64297	M.W. 2	09/23/98	15:15
AA64214	M.W. 4	09/22/98	16:15
AA64298	M.W. 4	09/23/98	15:30
AA64215	M.W. 6	09/22/98	13:00
AA64299	M.W. 6	09/23/98	15:45
AA64216	M.W. 7	09/22/98	13:15
AA64300	M.W. 7	09/23/98	16:00
AA64301	M.W. 8	09/23/98	16:15
AA64218	M.W. 9	09/22/98	16:00
AA64302	M.W. 9	09/23/98	16:30
AA64219	M.W. 10	09/22/98	14:45
AA64303	M.W. 10	09/23/98	16:45
AA64220	M.W. 11	09/22/98	14:30
AA64304	M.W. 11	09/23/98	17:00
AA64221	M.W. 12	09/22/98	14:15
AA64305	M.W. 12	09/23/98	17:15
AA64222	M.W. 13	09/22/98	15:45
AA64306	M.W. 13	09/23/98	17:30
AA64223	M.W. 14	09/22/98	15:30
AA64307	M.W. 14	09/23/98	17:45
AA64224	M.W. 16	09/22/98	15:00
AA64308	M.W. 16	09/23/98	18:00
AA64211	M.W. Matrix Spike 1A	09/22/98	15:15
AA64295	M.W. Matrix Spike 1A	09/23/98	15:00
AA64212	M.W. Matrix Spike Duplicate 1A	09/22/98	15:15
AA64296	M.W. Matrix Spike Duplicate 1A	09/23/98	15:00
AA64210	Monitoring Well (M.W.) 1A	09/22/98	15:15
AA64294	Monitoring Well (M.W.) 1A	09/23/98	15:00
AA64217	Monitoring Well (M.W.)8	09/22/98	13:30
AA64225	Outfall 001A	09/23/98	07:30
AA64226	Outfall 001A	09/23/98	07:30
AA64227	Parts Wash Basin North	09/23/98	08:00
AA64228	Parts Wash Basin South	09/23/98	08:00
AA64208	Trip Blank	/ /	

Argus

Analytical Reports

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 16:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Equipment Blank
Sample Matrix: WATER
Project Number:

Sample Number: AA64209

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: Equipment Blank

Sample Number: AA64209

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Monitoring Well (M.W.) 1A
Sample Matrix: WATER
Project Number:

Sample Number: AA64210

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.165	0.001	mg/L	8270	RLT	10/01/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: Monitoring Well (M.W.) 1A

Sample Number: AA64210

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	0.009	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. Matrix Spike 1A
Sample Matrix: WATER
Project Number:

Sample Number: AA64211

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.245	0.001	mg/L	8270	RLT	10/01/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	0.046	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	0.050	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	0.039	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. Matrix Spike 1A

Sample Number: AA64211

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	0.047	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	0.046	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. Matrix-Spike Duplicate 1A
Sample Matrix: WATER
Project Number:

Sample Number: AA64212

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.232	0.001	mg/L	8270	RLT	10/01/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/25/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/25/98
Benzene	0.047	0.005	mg/L	8260	MMP	09/25/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/25/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/25/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/25/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/25/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/25/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/25/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/25/98
Chlorobenzene	0.051	0.005	mg/L	8260	MMP	09/25/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/25/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/25/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/25/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/25/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/25/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/25/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/25/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/25/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,1-Dichloroethene	0.040	0.005	mg/L	8260	MMP	09/25/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/25/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/25/98

Sample Description: M.W. Matrix Spike Duplicate 1A

Sample Number: AA64212

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/25/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/25/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/25/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/25/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/25/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/25/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/25/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/25/98
Styrene	ND	0.005	mg/L	8260	MMP	09/25/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/25/98
Toluene	0.048	0.005	mg/L	8260	MMP	09/25/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/25/98
Trichloroethene (TCE)	0.047	0.005	mg/L	8260	MMP	09/25/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/25/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/25/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/25/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/25/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/25/98

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

To: Vicksburg Chemical
PO Box 821003
Vicksburg, MS 39182

Attn: Eric Blush

Date Reported: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 14:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 2

Sample Matrix: WATER

Sample Number: AA64213

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 2

Sample Number: AA64213

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 16:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 4

Sample Matrix: WATER

Sample Number: AA64214

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.002	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 4

Sample Number: AA64214

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

Monika E A Wolly

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 13:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 6

Sample Matrix: WATER

Sample Number: AA64215

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.0062	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.001	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 6

Sample Number: AA64215

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 13:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 7

Sample Matrix: WATER

Project Number:

Sample Number: AA64216

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.011	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 7

Sample Number: AA64216

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 13:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Monitoring Well (M.W.)8
Sample Matrix: WATER
Project Number:

Sample Number: AA64217

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.042	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: Monitoring Well (M.W.)8

Sample Number: AA64217

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 16:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 9

Sample Matrix: WATER

Sample Number: AA64218

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.003	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 9

Sample Number: AA64218

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 14:45
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 10

Sample Matrix: WATER

Sample Number: AA64219

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.0059	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 10

Sample Number: AA64219

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 14:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 11

Sample Matrix: WATER

Sample Number: AA64220

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	0.014	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 11

Sample Number: AA64220

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	0.018	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 14:15
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 12

Sample Matrix: WATER

Sample Number: AA64221

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	0.0072	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 12

Sample Number: AA64221

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

Monika E. A. Wolly

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:45
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 13

Sample Matrix: WATER

Sample Number: AA64222

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 13

Sample Number: AA64222

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 14

Sample Matrix: WATER

Sample Number: AA64223

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 14

Sample Number: AA64223

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 10/02/98

Date Sampled: 09/22/98
Time Sampled: 15:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: M.W. 16

Sample Matrix: WATER

Sample Number: AA64224

Project Number:

Page Number: 1

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Arsenic	ND	0.005	mg/L	206.2	DPF	09/28/98
Dinoseb	ND	0.001	mg/L	8270	RLT	09/29/98
Appendix I Volatile Organics						
Acetone	ND	0.010	mg/L	8260	MMP	09/24/98
Acrylonitrile	ND	0.010	mg/L	8260	MMP	09/24/98
Benzene	ND	0.005	mg/L	8260	MMP	09/24/98
Bromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromodichloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
Bromoform	ND	0.005	mg/L	8260	MMP	09/24/98
Bromomethane	ND	0.010	mg/L	8260	MMP	09/24/98
2-Butanone (MEK)	ND	0.010	mg/L	8260	MMP	09/24/98
Carbon disulfide	ND	0.005	mg/L	8260	MMP	09/24/98
Carbon tetrachloride	ND	0.005	mg/L	8260	MMP	09/24/98
Chlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Chloroform	ND	0.005	mg/L	8260	MMP	09/24/98
Chloromethane	ND	0.010	mg/L	8260	MMP	09/24/98
Dibromochloromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromo-3-chloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dibromoethane	ND	0.005	mg/L	8260	MMP	09/24/98
Dibromomethane	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,4-Dichloro-2-butene	ND	0.010	mg/L	8260	MMP	09/24/98
1,2-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,4-Dichlorobenzene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2-Dichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,2-Dichloroethene	ND	0.005	mg/L	8260	MMP	09/24/98

Sample Description: M.W. 16

Sample Number: AA64224

Page Number: 2

Parameter	Result	Det Limit	Units	Method	Analysts	Date
1,2-Dichloropropane	ND	0.005	mg/L	8260	MMP	09/24/98
cis-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
trans-1,3-Dichloropropene	ND	0.005	mg/L	8260	MMP	09/24/98
Ethylbenzene	ND	0.005	mg/L	8260	MMP	09/24/98
2-Hexanone	ND	0.010	mg/L	8260	MMP	09/24/98
Iodomethane	ND	0.010	mg/L	8260	MMP	09/24/98
4-Methyl-2-pentanone (MIBK)	ND	0.010	mg/L	8260	MMP	09/24/98
Methylene chloride	ND	0.005	mg/L	8260	MMP	09/24/98
Styrene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2,2-Tetrachloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Tetrachloroethene (PCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Toluene	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,1-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,1,2-Trichloroethane	ND	0.005	mg/L	8260	MMP	09/24/98
Trichloroethene (TCE)	ND	0.005	mg/L	8260	MMP	09/24/98
Trichlorofluoromethane	ND	0.005	mg/L	8260	MMP	09/24/98
1,2,3-Trichloropropane	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl acetate	ND	0.010	mg/L	8260	MMP	09/24/98
Vinyl chloride	ND	0.001	mg/L	8260	MMP	09/24/98
Xylenes (total)	ND	0.005	mg/L	8260	MMP	09/24/98

ND = Not Detected

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: 09/30/98

Date Sampled: 09/23/98
Time Sampled: 07:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Outfall 001A

Sample Number: AA64225

Project Number:

Sample Matrix: WATER

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Toxaphene	ND	1	ug/L	8081	MMP	09/29/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argusnd

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: 09/28/98

Date Sampled: 09/23/98
Time Sampled: 07:30
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Outfall 001A

Sample Number: AA64226

Project Number:

Sample Matrix: WATER

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Nickel	0.09	0.04	mg/L	249.1	DPF	09/28/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argusnd

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: 10/05/98

Date Sampled: 09/23/98
Time Sampled: 08:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Parts Wash Basin North

Sample Number: AA64227

Project Number:

Sample Matrix: WATER

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Total Organic Halogens	423	10.0	mg/L	9020	SPA	10/02/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argusnd

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: 10/05/98

Date Sampled: 09/23/98
Time Sampled: 08:00
Sampled by: E. Blush

Project ID/Location: 3rd Quarter Samples 1998

Date Received: 09/23/98

Sample Description: Parts Wash Basin South

Sample Number: AA64228

Project Number:

Sample Matrix: WATER

Parameter	Result	Det Limit	Units	Method	Analysts	Date
Total Organic Halogens	247	10.0	mg/L	9020	SPA	10/02/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

argusnd

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: 10/02/98

Date Received: 09/24/98

Project ID/Location: 3rd Quarter Samples 1998

Project Number:

SAMPLE INFORMATION

Sample No.	Sample Description	Matrix	Date/Time Sampled		Sampled by
AA64294	Monitoring Well (M.W.) 1A	WATER	09/23/98	15:00	E. Blush
AA64295	M.W. Matrix Spike 1A	WATER	09/23/98	15:00	E. Blush
AA64296	M.W. Matrix Spike Duplicate 1A	WATER	09/23/98	15:00	E. Blush
AA64297	M.W. 2	WATER	09/23/98	15:15	E. Blush
AA64298	M.W. 4	WATER	09/23/98	15:30	E. Blush
AA64299	M.W. 6	WATER	09/23/98	15:45	E. Blush
AA64300	M.W. 7	WATER	09/23/98	16:00	E. Blush

ANALYTICAL RESULTS

Sample No.	Parameter	Result	Units	MDL	Method	Analysts	Date
AA64294	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64295	Toxaphene	4.86	ug/L	1	8081	MMP	09/29/98
AA64296	Toxaphene	5.15	ug/L	1	8081	MMP	09/29/98
AA64297	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64298	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64299	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64300	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

1pmsr07

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: 09/30/98

Date Received: 09/24/98

Project ID/Location: 3rd Quarter Samples 1998

Project Number:

SAMPLE INFORMATION

Sample No.	Sample Description	Matrix	Date/Time Sampled		Sampled by
AA64301	M.W. 8	WATER	09/23/98	16:15	E. Blush
AA64302	M.W. 9	WATER	09/23/98	16:30	E. Blush
AA64303	M.W. 10	WATER	09/23/98	16:45	E. Blush
AA64304	M.W. 11	WATER	09/23/98	17:00	E. Blush
AA64305	M.W. 12	WATER	09/23/98	17:15	E. Blush
AA64306	M.W. 13	WATER	09/23/98	17:30	E. Blush
AA64307	M.W. 14	WATER	09/23/98	17:45	E. Blush

ANALYTICAL RESULTS

Sample No.	Parameter	Result	Units	MDL	Method	Analysts	Date
AA64301	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64302	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64303	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64304	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64305	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64306	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98
AA64307	Toxaphene	ND	ug/L	1	8081	MMP	09/29/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

1pmsr07

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: 09/30/98

Date Received: 09/24/98

Project ID/Location: 3rd Quarter Samples 1998

Project Number:

SAMPLE INFORMATION

Sample No.	Sample Description	Matrix	Date/Time Sampled		Sampled by
AA64308	M.W. 16	WATER	09/23/98	18:00	E. Blush

ANALYTICAL RESULTS

Sample No.	Parameter	Result	Units	MDL	Method	Analysts	Date
AA64308	*Toxaphene*	ND	ug/L	1	8081	MMP	09/29/98

ND = Not Detected

Quality Assurance/Quality Control

B. G. Giessner, Ph.D.

1pmsr07

Argus

Chain of Custodies

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

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

I / MI / N

Argus Cooler # 85-103 84

Do not run Toxaphene - He will bring Toxaphene on 9/24/98.

CHAIN-OF-CUSTODY

Client Name: Vicksburg Chemical CO Address: PO Box 821003 Vicksburg MS 39182 ATTN Eric Blush	Project Name/Location: 3rd Quarter Samples 1998 Sampler (print/signature): Eric Blush Eric Blush	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		Trip Blank						* ~~Toxaphene~~, ~~Dinoseb~~, Volatiles, ~~Arsenic~~	AA64208
2		Equip Blank	9/22/98	1630	EB	G	5	* Toxaphene, Dinoseb, Volatiles, Arsenic	AA64209
3		Monitoring Well (M.W.) 1A		1515					AA64210
4		M.W. Matrix Spk 1A		1515					AA64211
5		M.W. Matrix Spk Dup 1A		1515					AA64212
6		M.W. 2		1400					AA64213
7		M.W 4		1615					AA64214
8		M.W. 5		omit				omit (Dry)	
9		M.W. 6		1300					AA64215
10		M.W. 7		1315					AA64216

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	1115 9/23/98	Joni Jones	9/23/98 11:15				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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Rev 1196

PO # 01-94679

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

I / MI / N

Argus Cooler # 85-103
84

CHAIN-OF-CUSTODY

Client Name: Vicksburg Chemical CO Address: PO Box 821023 Vicksburg MS 39182 Attn Eric Blush	Project Name/Location: 3rd Quarter Samples 1998 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)
11		Monitoring Well (M.W.) 8	9/22/98	1330	EB	G	5	Toxaphene, Dinoseb, Volatiles, Arsenic	AA64217
12		M.W. 9		1600	EB				AA64218
13		M.W. 10		1445	EB				AA64219
14		M.W. 11		1430	EB				AA64220
15		M.W. 12		1415	EB				AA64221
16		M.W. 13		1545	EB				AA64222
17		M.W. 14		1530	EB				AA64223
18		M.W. 16		1500	EB				AA64224
19		Outfall 001A	9/23/98	0730	EB	C	1	Toxaphene	AA64225
20		Outfall 001A	9/23/98	0730	EB	C	1	Nickel	AA64226

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	1115 9/23/98	Joni Jones	9/23/98 11:15				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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Rev 1196

P.O. # 01-94679

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

I / MI / N

Argus Cooler # 85-103
84

CHAIN-OF-CUSTODY

Client Name: Vicksbury Chemical CO Address: PO Box 821023 Vicksburg MS 39182 ATTN Eric Blush	Project Name/Location: 3rd Quarter Samples 1998 Sampler (print/signature): Eric Blush Eric Blush	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)
21		Parts Wash Basin North	9/23/98	0800	EB	C	1	Total Halogens	AA64227
22		Parts Wash Basin South	9/23/98	0800	EB	C	1	Total Halogens	AA64228
								P.O. # 01-94679	

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
Eric Blush	1115 9/23/98	Jane Jones	9/23/98 11:15				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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

Client Name: Vicksburg Chem Address: Box 821003 Vicksburg MS 39182 Attn: Eric Blush	Project Name/Location: 3rd Quarter Samples 1998 Sampler (print/signature): Blush, Eric Eric Blush	Project Number: H/M/S (lab use)

Item #	Field Number	Sample Description	Collection Date	Collection Time	Collection Initials	Collection G/C	Collection #	Analysis Required	Lab Number (for lab use only)
1		Monitoring Well (M.W.) 1A	9/23/98	1500	EB	G		Toxaphene	AA64294
2		M.W. Matrix Spk 1A		1500	EB	G			AA64295
3		M.W Matrix Spk Dup 1A		1500	EB	G			AA64296
4		M.W. 2		1515	EB	G			AA64297
5		M.W 4		1530	EB	G			AA64298
6		M.W. 6		1545	EB	G		PO 01-94679	AA64299
7		M.W 7		1600	EB	G			AA64300
8		M.W 8		1615	EB	G			AA64301
9		M.W 9		1630	EB	G			AA64302
10		M.W 10		1645	EB	G			AA64303

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
David Green	9/24 1045	~~1045~~ J. Jones	9/24/98 10:50				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

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Rev 1196

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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

Client Name: Vicksburg Chemical Co Address: Box 821003 Vicksburg MS 39182 Attn: Eric Blush	Project Name/Location: 3rd Quarter Sampling 1998 Sampler (print/signature): Blush, Eric	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)
11		Monitoring Well 11	9/23/98	1700	EB	G		Toxaphene	AA64304
12		M.W. 12		1715	EB	G			AA64305
13		M.W 13		1730	EB	G			AA64306
14		M.W 14		1745	EB	G			AA64307
15		M.W 16		1800	EB	G			AA64308
								PO 01-94679	

Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time
David Green	9/24 1045	J. Jones	9/24/98 10:50				
Relinquished by:	Date/time:	Accepted by:	Date/time	Relinquished by:	Date/time:	Accepted by:	Date/time

Argus

Holding Time Report

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

Argus Analytical, Inc.

Extraction & Holding Time Summary

Sample Number	Analysis	Date Collected	Date Extracted	Date Tested	# of Days to Ext	# of Days to Anl
AA64208	Volatile Organics (Appendix I of 25	NA	NA	09/24/98		0
AA64209	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64209	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64210	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64210	Dinoseb	09/22/98	09/25/98	10/01/98	3	6
AA64211	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64211	Dinoseb	09/22/98	09/25/98	10/01/98	3	6
AA64212	Volatile Organics (Appendix I of 25	09/22/98	NA	09/25/98		3
AA64212	Dinoseb	09/22/98	09/25/98	10/01/98	3	6
AA64213	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64213	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64214	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64214	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64215	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64215	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64216	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64216	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64217	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64217	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64218	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64218	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64219	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64219	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64220	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64220	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64221	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64221	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64222	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64222	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64223	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64223	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64224	Volatile Organics (Appendix I of 25	09/22/98	NA	09/24/98		2
AA64224	Dinoseb	09/22/98	09/25/98	09/29/98	3	4
AA64225	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64294	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64295	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64296	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64297	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64298	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64299	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64300	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64301	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64302	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64303	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64304	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64305	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64306	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64307	Toxaphene	09/23/98	09/28/98	09/29/98	5	1
AA64308	Toxaphene	09/23/98	09/28/98	09/29/98	5	1

Ext - Number of days to Extraction
Anl - Number of days to Analysis (for volatiles only - extraction not required)
NA - Not Applicable

Argus

Inorganics QC (Metals)

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

The following table labeled "Inorganic QC Data Summary" contains the Inorganic QC data for the samples listed in the following "QC Sample Cross Reference".

Dilutions can result in the loss of Spike Recovery data (--).

Inorganic QC Data Summary

	Blank	Sample			Spike
		Results	Duplicate	% RPD	% Recovery
AA64106					
Nickel	ND	0.080000	0.070000	13	104
AA64209					
Arsenic	ND	ND	ND	0	109
AA64224					
Arsenic	ND	ND	ND	0	117

QC Sample Cross Reference - Inorganics

Sample number: **AA64209**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64210**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64211**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64212**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64213**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64214**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

(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: **AA64215**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64216**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64217**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64209	AS__G-22394

Sample number: **AA64218**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64219**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64220**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

(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: **AA64221**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64222**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64223**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64224**

Parameter Codes	Sample reference for QC data (1)	Batch Name
AS__G	AA64224	AS__G-22395

Sample number: **AA64226**

Parameter Codes	Sample reference for QC data (1)	Batch Name
NI	AA64106	NI-22387

(1) Refer to the indicated sample number in the attached QC Data Summary for the actual QC data.

Argus

Organics QC

Vicksburg Chemical

Quarterly Monitoring

Sampled: September 22, 1998

Reported: October 2, 1998

Volatile Organics - QC Data Package Summary Argus Analytical, Inc.

Client: Vicksburg Chemical Date:

Sample #		QC Data Package Starting Page # - Prefix	Surrogate Recoveries - %		
			Dibromo fluoromethane	Toluene-d8	4-Bromo fluorobenzene
AA	64209	980924	93	100	97
AA	64210	980924	94	102	99
AA	64211	980924	95	104	96
AA	64212	980924	95	104	105
AA	64213	980924	95	106	99
AA	64214	980924	93	101	96
AA	64215	980924	91	104	97
AA	64216	980924	91	102	95
AA	64217	980924	90	103	96
AA	64218	980924	93	98	92
AA	64219	980924	90	114	93
AA	64220	980924	98	102	102
AA	64221	980924	94	102	100
AA	64222	980924	97	104	105
AA	64223	980924	98	103	103
AA	64224	980924	98	104	104

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\980924\98092402.D
Acq On : 24 Sep 98 10:41 am
Sample : 8260 Blank 5mL Water
Misc : Water Blank : 5mL
Quant Time: Sep 24 11:05 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
Response via : Multiple Level Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) pentafluorobenzene	10.99	168	47123	50.00 ug/L	0.01
25) 1,4-difluorobenzene-	11.95	114	77795	50.00 ug/L	0.01
42) Chlorobenzene-d5	15.45	82	42204	50.00 ug/L	0.01
54) 1,4-dichlorobenzene-d4	18.37	152	32130	50.00 ug/L	0.01
System Monitoring Compounds					%Recovery
23) dibromofluoromethane	10.92	113	33109	46.32 ug/L	92.64%
37) toluene-d8	13.76	98	82052	49.95 ug/L	99.91%
56) 4-bromofluorobenzene	16.85	95	40264	47.52 ug/L	95.03%
Target Compounds					Qvalue
2) dichlorodifluoromethane	0.00	85		Not Detected	
3) chloromethane	0.00	50		Not Detected	
4) vinyl chloride*	0.00	62		Not Detected	
5) bromomethane	0.00	94		Not Detected	
6) chloroethane	0.00	64		Not Detected	
7) trichlorofluoromethane	0.00	101		Not Detected	
8) 1,1-dichloroethene*	0.00	61		Not Detected	
9) Iodomethane	0.00	142		Not Detected	
10) Carbon disulfide	0.00	76		Not Detected	
11) methylene chloride	0.00	84		Not Detected	
12) trans-1,2-dichloroethene	0.00	61		Not Detected	
13) Acetone	0.00	43		Not Detected	
14) Methyl ethyl ketone*	0.00	43		Not Detected	
15) Acrolein	0.00	56		Not Detected	
16) Acrylonitrile	0.00	53		Not Detected	
17) 1,1-dichloroethane	0.00	63		Not Detected	
18) Vinyl acetate	0.00	43		Not Detected	
19) 2,2-dichloropropane	0.00	77		Not Detected	
20) cis-1,2-dichloroethene	0.00	96		Not Detected	
21) bromochloromethane	0.00	128		Not Detected	
22) chloroform*	0.00	83		Not Detected	
24) 1,1,1-trichloroethane	0.00	97		Not Detected	
26) carbon tetrachloride*	0.00	117		Not Detected	
27) 1,1-dichloropropene	0.00	75		Not Detected	
28) benzene*	0.00	78		Not Detected	
29) 1,2-dichloroethane*	0.00	62		Not Detected	
30) trichloroethene*	0.00	95		Not Detected	
31) 1,2-dichloropropane	0.00	63		Not Detected	
32) dibromomethane	0.00	93		Not Detected	
33) bromodichloromethane	0.00	83		Not Detected	
34) 2-Chloroethylvinyl ether	0.00	63		Not Detected	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\980924\98092402.D
Acq On : 24 Sep 98 10:41 am
Sample : 8260 Blank 5mL Water
Misc : Water Blank : 5mL
Quant Time: Sep 24 11:05 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
Response via : Multiple Level Calibration

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	cis-1,3-dichloropropene	0.00	75		Not Detected	
36)	4-Methyl-2-pentanone	0.00	43		Not Detected	
38)	toluene	0.00	92		Not Detected	
39)	trans-1,3-dichloropropene	0.00	75		Not Detected	
40)	1,1,2-trichloroethane	0.00	83		Not Detected	
41)	2-Hexanone	0.00	43		Not Detected	
43)	tetrachloroethene*	0.00	166		Not Detected	
44)	1,3-dichloropropane	0.00	76		Not Detected	
45)	dibromochloromethane	0.00	127		Not Detected	
46)	1,2-dibromoethane	0.00	107		Not Detected	
47)	chlorobenzene*	0.00	112		Not Detected	
48)	1,1,1,2-tetrachloroethane	0.00	131		Not Detected	
49)	ethylbenzene	0.00	91		Not Detected	
50)	m,p-xylene	0.00	106		Not Detected	
51)	o-xylene	0.00	106		Not Detected	
52)	styrene	0.00	104		Not Detected	
53)	bromoform	0.00	173		Not Detected	
55)	isopropylbenzene	0.00	105		Not Detected	
57)	bromobenzene	0.00	156		Not Detected	
58)	1,1,2,2-tetrachloroethane	0.00	83		Not Detected	
59)	1,2,3-trichloropropane	0.00	110		Not Detected	
60)	n-propylbenzene	0.00	91		Not Detected	
61)	2-chlorotoluene	0.00	91		Not Detected	
62)	4-chlorotoluene	0.00	91		Not Detected	
63)	1,3,5-trimethylbenzene	0.00	105		Not Detected	
64)	tert-butylbenzene	0.00	91		Not Detected	
65)	1,2,4-trimethylbenzene	0.00	105		Not Detected	
66)	sec-butylbenzene	0.00	105		Not Detected	
67)	1,3-dichlorobenzene	0.00	146		Not Detected	
68)	4-isopropyltoluene	0.00	119		Not Detected	
69)	1,4-dichlorobenzene	0.00	146		Not Detected	
70)	1,2-dichlorobenzene	0.00	146		Not Detected	
71)	n-butylbenzene	0.00	91		Not Detected	
72)	1,2-dibromo-3-chloropropan	0.00	157		Not Detected	
73)	1,2,4-trichlorobenzene	20.99	180	1266	3.84 ug/L	81
74)	hexachlorobutadiene	0.00	225		Not Detected	
75)	naphthalene	21.25	128	5846	8.76 ug/L	99
76)	1,2,3-trichlorobenzene	21.60	180	2215	8.21 ug/L	98

(#) = qualifier out of range (m) = manual integration

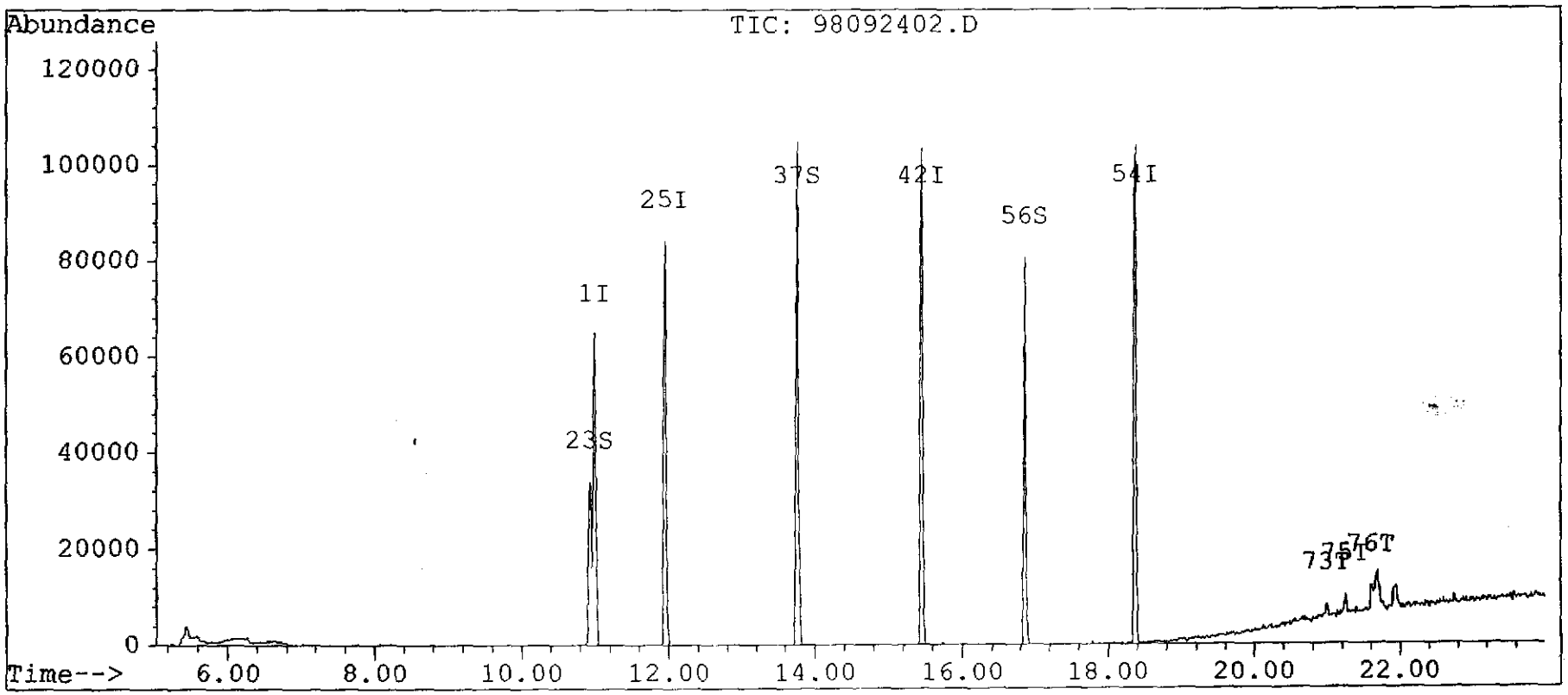
980924.12

Quantitation Report

Data File : C:\HPCHEM\1\DATA\980924\98092402.D
Acq On : 24 Sep 98 10:41 am
Sample : 8260 Blank 5mL Water
Misc : Water Blank : 5mL
Quant Time: Sep 24 11:05 1998

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
Response via : Multiple Level Calibration



Spike Recovery and RPD Summary Report - WATER

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
Response via : Initial Calibration

Non-Spiked Sample: 98092405.D

	Spike Sample	Spike Duplicate Sample
File ID :	98092420.D	98092421.D
Sample :	AA64211 5mL Water MS	AA64212 5mL Water MSD
Acq Time:	24 Sep 98 11:56 pm	25 Sep 98 12:27 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	39	40	78	80	2	14	61-145
benzene*	0.0	50	46	47	93	94	1	11	76-127
trichloroethene*	9.3	50	46	47	74	75	2	14	71-120
toluene	0.0	50	47	48	95	95	0	13	76-125
chlorobenzene*	0.0	50	50	51	101	103	2	13	75-130

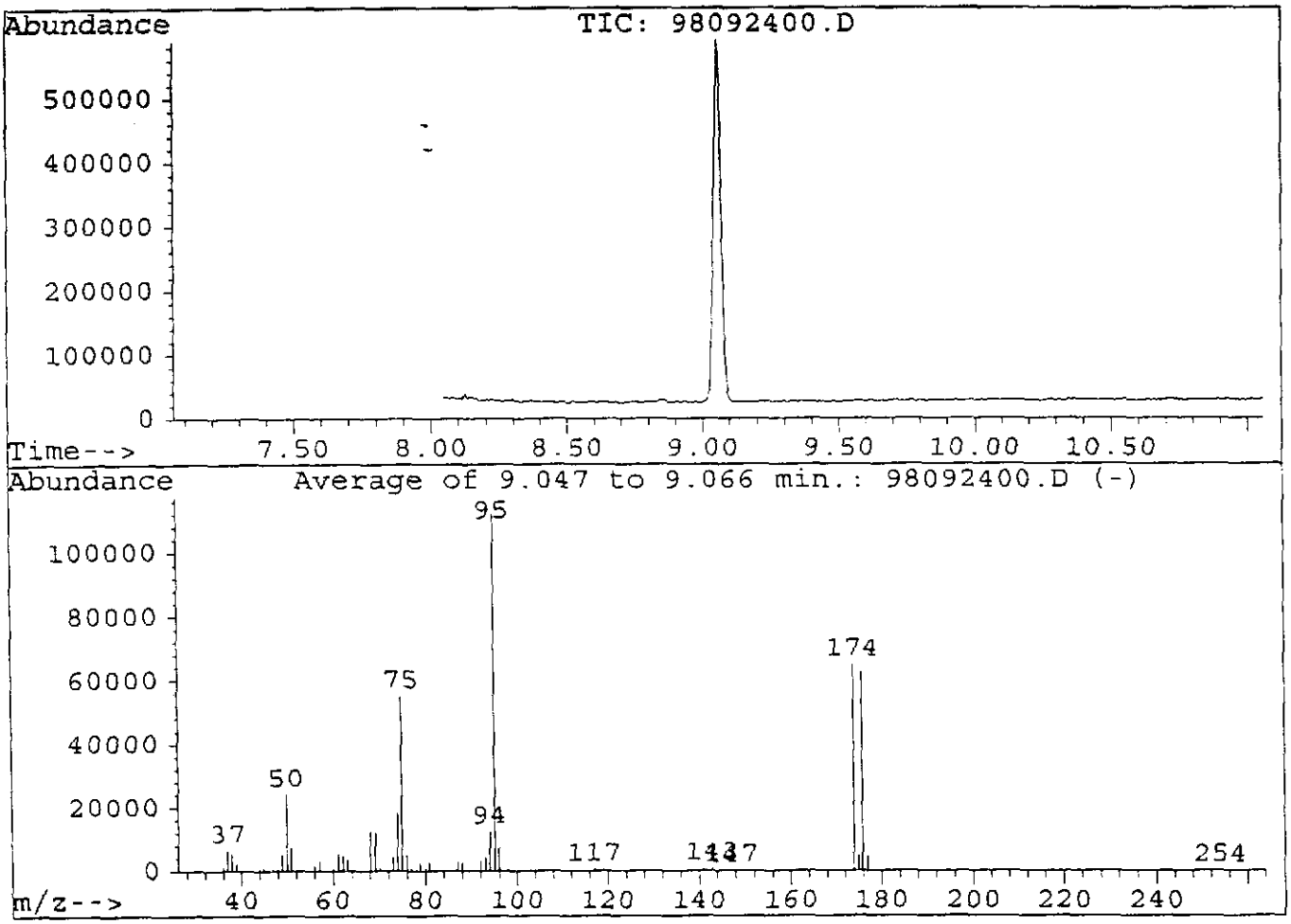
8260-H2O.M Fri Sep 25 14:11:58 1998 VOLATILES

BFB

Data File : C:\HPCHEM\1\DATA\980924\98092400.D
Acq On : 24 Sep 98 9:52 am
Sample : BFB Tune Check
Misc : Tune Check

Vial: 1
Operator: mmp
Inst : 5972 - In
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\BFB-VOC.M
Title : BFB Tune Check for Method EPA-8260 QC Criteria



Peak Apex is scan: 113

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.8	24432	PASS
75	95	30	60	49.2	55164	PASS
95	95	100	100	100.0	112157	PASS
96	95	5	9	6.5	7342	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	58.1	65131	PASS
175	174	5	9	7.5	4916	PASS
176	174	95	101	96.3	62752	PASS
177	176	5	9	7.6	4751	PASS

Response Factor Report 5972 - In

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
Response via : Initial Calibration

Calibration Files
1 =980826L1.D 2 =980826L2.D 3 =980826L3.D
4 =980826L4.D 5 =980826L5.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	pentafluorobenzene	----------ISTD----------						
2)	T	dichlorodifluorometha	1.257	1.212	1.382	1.233	1.118	1.240	7.67
3)	P	chloromethane	0.876	0.859	0.918	0.880	0.818	0.870	4.14
4)	C	vinyl chloride*	0.716	0.755	0.830	0.779	0.711	0.758	6.43
5)	T	bromomethane	0.465	0.460	0.510	0.474	0.453	0.473	4.73
6)	T	chloroethane	0.260	0.282	0.315	0.296	0.273	0.285	7.40
7)	T	trichlorofluoromethan	1.505	1.482	1.690	1.533	1.431	1.528	6.43
8)	CM	1,1-dichloroethene*	0.855	0.874	0.948	0.891	0.823	0.878	5.28
9)	T	Iodomethane	0.568	0.547	0.674	0.683	0.624	0.619	9.84
10)	T	Carbon disulfide	1.415	1.498	1.540	1.487	1.344	1.457	5.33
11)	T	methylene chloride	0.466	0.427	0.442	0.430	0.403	0.434	5.30
12)	T	trans-1,2-dichloroeth	0.805	0.794	0.875	0.837	0.766	0.815	5.16
13)	T	Acetone	0.087	0.090	0.097		0.766	0.092	5.52
14)	T	Methyl ethyl ketone*	0.108	0.132	0.142	0.140	0.140	0.132	10.57
15)	T	Acrolein						0.000#	-1.00
16)	T	Acrylonitrile						0.000#	-1.00
17)	P	1,1-dichloroethane	1.018	1.003	1.064	1.013	0.958	1.011	3.75
18)	T	Vinyl acetate	0.804	0.843	0.928	0.866	0.841	0.856	5.37
19)	T	2,2-dichloropropane	0.896	0.777	0.857	0.802	0.722	0.811	8.36
20)	T	cis-1,2-dichloroethen	0.482	0.465	0.500	0.487	0.462	0.479	3.31
21)	T	bromochloromethane	0.220	0.233	0.247	0.237	0.226	0.233	4.40
22)	C	chloroform*	1.347	1.265	1.363	1.295	1.227	1.299	4.34
23)	S	dibromofluoromethane	0.746	0.751	0.783	0.761	0.752	0.758	1.92
24)	T	1,1,1-trichloroethane	1.284	1.154	1.309	1.257	1.143	1.229	6.23
25)	I	1,4-difluorobenzene	----------ISTD----------						
26)	T	carbon tetrachloride*	0.639	0.539	0.607	0.592	0.503	0.576	9.47
27)	T	1,1-dichloropropene	0.429	0.374	0.429	0.428	0.374	0.407	7.36
28)	M	benzene*	0.979	0.907	0.954	0.939	0.900	0.936	3.53
29)	T	1,2-dichloroethane*	0.716	0.702	0.709	0.690	0.658	0.695	3.28
30)	M	trichloroethene*	0.341	0.305	0.338	0.339	0.314	0.327	5.16
31)	C	1,2-dichloropropane	0.265	0.251	0.269	0.264	0.255	0.261	2.94
32)	T	dibromomethane	0.231	0.208	0.222	0.208	0.202	0.214	5.53
33)	T	bromodichloromethane	0.621	0.520	0.614	0.600	0.572	0.585	7.06
34)	T	2-Chloroethylvinyl et	0.559	0.679	0.772	0.862	0.823	0.739	16.44
35)	T	cis-1,3-dichloroprope	0.478	0.436	0.462	0.445	0.423	0.449	4.88
36)	T	4-Methyl-2-pentanone	0.207	0.220	0.233	0.216	0.220	0.219	4.18
37)	S	toluene-d8	1.045	1.063	1.037	1.067	1.067	1.056	1.29
38)	M	toluene	0.612	0.498	0.563	0.585	0.522	0.556	8.32
[illegible])	T	trans-1,3-dichloropro	0.515	0.468	0.503	0.471	0.457	0.483	5.14
[illegible])	T	1,1,2-trichloroethane	0.174	0.175	0.182	0.174	0.169	0.175	2.81
41)	T	2-Hexanone	0.141	0.147	0.160	0.147	0.146	0.148	4.67
42)	I	Chlorobenzene-d5	----------ISTD----------						
43)	T	tetrachloroethene*	0.368	0.308	0.351	0.360	0.362	0.350	6.97
44)	T	1,3-dichloropropane	0.648	0.581	0.608	0.578	0.563	0.596	5.65
45)	T	dibromochloromethane	0.481	0.445	0.483	0.457	0.448	0.463	3.88

46)	T	1,2-dibromoethane	0.403	0.372	0.401	0.353	0.344	0.375	7.22
47)	M	chlorobenzene*	1.164	0.919	1.031	1.058	0.954	1.025	9.35
[illegible]	T	1,1,1,2-tetrachloroet	0.587	0.474	0.539	0.540	0.515	0.531	7.76
[illegible]	C	ethylbenzene	1.704	1.575	1.786	1.881	1.808	1.751	6.67
50)	T	m,p-xylene	0.513	0.465	0.527	0.561	0.516	0.516	6.62
51)	T	o-xylene	0.543	0.473	0.539	0.561	0.553	0.534	6.61
52)	T	styrene	0.776	0.795	0.917	0.955	0.875	0.863	8.91
53)	P	bromoform	0.297	0.279	0.317	0.310	0.308	0.302	4.87
54)	I	1,4-dichlorobenzene-d	----------ISTD----------						
55)	T	isopropylbenzene	2.036	1.662	1.831	1.979	1.843	1.870	7.80
56)	S	4-bromofluorobenzene	1.317	1.342	1.295	1.336	1.304	1.319	1.54
57)	T	bromobenzene	0.583	0.502	0.558	0.590	0.543	0.555	6.36
58)	P	1,1,2,2-tetrachloroet	0.503	0.425	0.465	0.446	0.445	0.457	6.44
59)	T	1,2,3-trichloropropan	0.167	0.152	0.163	0.162	0.162	0.161	3.36
60)	T	n-propylbenzene	2.914	2.298	2.532	2.653	2.681	2.616	8.60
61)	T	2-chlorotoluene	2.295	1.990	2.162	2.255	2.129	2.166	5.51
62)	T	4-chlorotoluene	2.079	1.696	1.893	2.054	1.949	1.934	7.92
63)	T	1,3,5-trimethylbenzen	1.941	1.659	1.818	1.960	1.937	1.863	6.82
64)	T	tert-butylbenzene	1.837	1.486	1.624	1.730	1.717	1.679	7.84
65)	T	1,2,4-trimethylbenzen	2.037	1.746	1.904	2.050	1.985	1.944	6.42
66)	T	sec-butylbenzene	2.136	1.802	1.986	2.110	2.058	2.018	6.62
67)	T	1,3-dichlorobenzene	0.973	0.927	0.931	1.012	0.936	0.956	3.81
68)	T	4-isopropyltoluene	1.827	1.527	1.681	1.804	1.715	1.711	6.97
69)	T	1,4-dichlorobenzene	0.945	0.863	0.948	1.013	0.967	0.947	5.75
70)	T	1,2-dichlorobenzene	0.966	0.832	0.892	0.951	0.911	0.911	5.81
71)	T	n-butylbenzene	1.791	1.577	1.725	1.823	1.803	1.744	5.74
72)	T	1,2-dibromo-3-chlorop	0.074	0.078	0.081	0.084	0.081	0.079	4.77
73)	T	1,2,4-trichlorobenzen	0.541	0.472	0.507	0.537	0.510	0.513	5.39
74)	T	hexachlorobutadiene	0.271	0.222	0.263	0.273	0.260	0.258	8.12
75)	T	naphthalene	0.975	0.959	1.076	1.095	1.088	1.039	6.34
76)	T	1,2,3-trichlorobenzen	0.466	0.374	0.416	0.435	0.409	0.420	8.09

(#) = Out of Range

8260-H2O.M Fri Sep 25 14:11:07 1998 VOLATILES

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\980924\98092401.D Vial: 1
Acq On : 24 Sep 98 10:10 am Operator: mmp
Sample : 8260 Con Cal 5mL Water Inst : 5972 - In
Misc : IS/Surs @ 50/50ppb; 5035/8260 Blank Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260-H2O.M
Title : SW-846 -8260
Last Update : Wed Aug 26 14:44:22 1998
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	108	0.00
2	T	dichlorodifluoromethane	1.240	0.601	51.5#	54	-0.04
3	P	chloromethane	0.870	0.642	26.2#	81	0.00
4	C	vinyl chloride*	0.758	0.609	19.7	87	0.00
5	T	bromomethane	0.473	0.508	-7.4	119	0.00
6	T	chloroethane	0.285	0.330	-15.5	126	0.00
7	T	trichlorofluoromethane	1.528	1.440	5.8	105	0.02
8	CM	1,1-dichloroethene*	0.878	1.051	-19.7	130	0.02
9	T	Iodomethane	0.619	0.240	61.2#	48#	0.00
10	T	Carbon disulfide	1.457	0.342	76.6#	25#	0.02
11	T	methylene chloride	0.434	0.599	-38.1#	152	0.00
12	T	trans-1,2-dichloroethene	0.815	1.041	-27.6#	142	0.02
13	T	Acetone	0.092	0.000#	100.0#	0#	-8.31#
14	T	Methyl ethyl ketone*	0.132	0.143	-7.9	117	0.04
15	T	Acrolein	0.000	0.000#	0.0	0#	-8.40#
16	T	Acrylonitrile	0.000	0.000#	0.0	0#	-9.07#
17	P	1,1-dichloroethane	1.011	1.282	-26.7#	138	0.03
18	T	Vinyl acetate	0.856	0.801	6.4	103	0.02
19	T	2,2-dichloropropane	0.811	1.318	-62.6#	184	0.00
20	T	cis-1,2-dichloroethene	0.479	0.663	-38.5#	154	0.02
21	T	bromochloromethane	0.233	0.316	-35.9#	147	0.02
22	C	chloroform*	1.299	1.535	-18.1	131	0.02
23	S	dibromofluoromethane	0.758	1.009	-33.0#	146	0.02
24	T	1,1,1-trichloroethane	1.229	1.520	-23.6#	143	0.02
25	I	1,4-difluorobenzene	1.000	1.000	0.0	149	0.00
26	T	carbon tetrachloride*	0.576	0.545	5.4	151	0.00
27	T	1,1-dichloropropene	0.407	0.418	-2.7	166	0.02
28	M	benzene*	0.936	0.949	-1.4	156	0.02
29	T	1,2-dichloroethane*	0.695	0.542	22.0#	115	0.02
30	M	trichloroethene*	0.327	0.334	-2.0	163	0.02
31	C	1,2-dichloropropane	0.261	0.251	3.8	149	0.02
32	T	dibromomethane	0.214	0.191	10.8	137	0.02
33	T	bromodichloromethane	0.585	0.516	11.9	148	0.02
34	T	2-Chloroethylvinyl ether	0.739	0.000#	100.0#	0#	-12.67#
35	T	cis-1,3-dichloropropene	0.449	0.447	0.4	153	0.02
[illegible]	T	4-Methyl-2-pentanone	0.219	0.184	16.3	124	0.02
[illegible]	S	toluene-d8	1.056	1.070	-1.4	150	0.00
38	M	toluene	0.556	0.623	-12.1	186	0.00
39	T	trans-1,3-dichloropropene	0.483	0.424	12.2	135	0.00
40	T	1,1,2-trichloroethane	0.175	0.163	7.1	138	0.02
41	T	2-Hexanone	0.148	0.117	20.7#	119	0.02
42	I	Chlorobenzene-d5	1.000	1.000	0.0	129	0.00

43	T	tetrachloroethene*	0.350	0.484	-38.3#	203#	0.02
44	T	1,3-dichloropropane	0.596	0.626	-5.2	139	0.02
[illegible]	T	dibromochloromethane	0.463	0.451	2.6	131	0.00
[illegible]	T	1,2-dibromoethane	0.375	0.386	-3.1	134	0.00
47	M	chlorobenzene*	1.025	1.315	-28.3#	184	0.02
48	T	1,1,1,2-tetrachloroethane	0.531	0.591	-11.2	161	0.00
49	C	ethylbenzene	1.751	2.099	-19.9	172	0.00
50	T	m,p-xylene	0.516	0.788	-52.7#	218#	0.00
51	T	o-xylene	0.534	0.786	-47.3#	214#	0.00
52	T	styrene	0.863	1.262	-46.1#	205#	0.02
53	P	bromoform	0.302	0.279	7.6	129	0.00
54	I	1,4-dichlorobenzene-d4	1.000	1.000	0.0	130	0.00
55	T	isopropylbenzene	1.870	2.796	-49.5#	219#	0.00
56	S	4-bromofluorobenzene	1.319	1.264	4.1	123	0.00
57	T	bromobenzene	0.555	0.750	-35.1#	194	0.02
58	P	1,1,2,2-tetrachloroethane	0.457	0.459	-0.5	141	0.00
59	T	1,2,3-trichloropropane	0.161	0.152	5.8	130	0.02
60	T	n-propylbenzene	2.616	3.902	-49.2#	221#	0.00
61	T	2-chlorotoluene	2.166	2.898	-33.8#	190	0.02
62	T	4-chlorotoluene	1.934	2.325	-20.2#	178	0.00
63	T	1,3,5-trimethylbenzene	1.863	2.776	-49.0#	218#	0.00
64	T	tert-butylbenzene	1.679	2.292	-36.5#	201#	0.00
65	T	1,2,4-trimethylbenzene	1.944	2.860	-47.1#	213#	0.00
66	T	sec-butylbenzene	2.018	3.149	-56.0#	227#	0.00
67	T	1,3-dichlorobenzene	0.956	1.401	-46.6#	197	0.00
68	T	4-isopropyltoluene	1.711	2.680	-56.7#	228#	0.00
69	T	1,4-dichlorobenzene	0.947	1.380	-45.7#	208#	0.00
70	T	1,2-dichlorobenzene	0.911	1.225	-34.5#	191	0.00
71	T	n-butylbenzene	1.744	2.791	-60.0#	230#	0.00
72	T	1,2-dibromo-3-chloropropane	0.079	0.065	17.4	110	0.00
73	T	1,2,4-trichlorobenzene	0.513	0.597	-16.4	165	0.00
74	T	hexachlorobutadiene	0.258	0.353	-36.7#	207#	0.02
75	T	naphthalene	1.039	0.876	15.6	119	0.00
76	T	1,2,3-trichlorobenzene	0.420	0.393	6.4	137	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

980826L2.D 8260-H2O.M Fri Sep 25 14:10:43 1998 VOLATILES

Spike Recovery and RPD Summary Report - WATER

Method : D:\HPCHEM\1\METHODS\DINO-SIM.M
Title :
Last Update : Fri Oct 02 11:58:29 1998
Response via : Initial Calibration

Non-Spiked Sample: 64210.D

	Spike Sample	Spike Duplicate Sample
File ID :	64211.D	64212.D
Sample :	water dinoseb aa64211 ms	water dinoseb aa64212 msd
Acq Time:	1 Oct 98 12:06 pm	1 Oct 98 12:44 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Dinoseb	165.4	100	245	233	80	67	17	30	40-120

DINO-SIM.M Fri Oct 02 12:01:58 1998 HPBNA

Spike Recovery and RPD Summary Report - WATER

Method : D:\HPCHEM\1\METHODS\DINO-SIM.M
Title :
Last Update : Fri Oct 02 11:58:29 1998
Response via : Initial Calibration

Non-Spiked Sample: AA64294.D

Spike Sample	Spike Duplicate Sample
File ID : 98100121.D	98100122.D
Sample : AA64295 10mL Toxaphn MS	AA64295 10mL Toxaphn MSD
Acq Time: 1 Oct 98 04:29 pm	1 Oct 98 04:56 pm

Compound	Sample Conc	Spike Added	Spike Res	Dup Res	Spike %Rec	Dup %Rec	RPD	QC Limits RPD	QC Limits % Rec
Toxaphene	0	500	486	515	97	103	6	30	40-120

DINO-SIM.M Fri Oct 02 12:51:21 1998 HPBNA

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 260

Vicksburg Chemical company

RCRA File Warren

RECEIVED
AUG 3 1 1998
Dept. of Environmental Quality
Office of Pollution Control

Mr. Steve Bailey
Env. Engineer
Office of Pollution Control
P.O. Box 10385
Jackson, MS 39289-0385

August 28, 1998

Re: Vicksburg Chemical Company
Groundwater Monitoring, 2nd Quarter, 1998

Dear Mr. Bailey:

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. Keen

Enclosure

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

BONNER ANALYTICAL TESTING COMPANY
2703 OAK GROVE ROAD
HATTIESBURG, MS 39402
PH. (601) 264-2854

Client: VICKSBURG CHEMICAL

File Number: BT45820-45834 Sample Date/Time: 06-11-98
Collected By: Client Date/Time Rec'd: 06-12-98 @ 1215

2nd QUARTER, 1998 - GROUNDWATER

Sample Location	Collection Time	Arsenic
Trip Blank		0.001
Equipment Blank	1800	ND
Well 1A	1500	0.0025
Well 2	1530	0.0026
Well 4	1700	0.003
Well 6	1415	0.0039
Well 7	1400	0.0047
Well 8	1515	0.0113
Well 9	1630	0.003
Well 10	1445	0.0008
Well 11	1430	0.0043
Well 12	1545	0.0013
Well 13	1645	0.0101
Well 14	1615	0.004
Well 16	1600	0.0022

Date/Time: 08-13-98/2012
Analyst: GMR
MDL: 0.0002
Method: 206.2

Data reported in mg/L unless otherwise noted. All analyses performed in accordance with 40 CFR 136 and amendments.

MDL = Method Detection Limit.

Certified by: Michael S. Bonner, Ph.D.
BONNER ANALYTICAL TESTING COMPANY

sr

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: Trip Blank
File #: BT45820

	Date	Time	Analyst
Collected:	05/27/98	8:00	BATCO
Received:	06/12/98	12:15	CMB
Analyzed:	06/17/98	15:34	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: Trip Blank
File #: BT45820

	Date	Time	Analyst
Collected:	5/27/98	8:00	BATCO
Received:	6/12/98	12:15	CMB
Analysis:	6/17/98	15:34	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		55.4	250.0	110.8	55.2	250.0	110.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		47.0	250.0	94.0	47.7	250.0	95.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		49.1	250.0	98.2	48.6	250.0	97.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45820

Sample Matrix : Water

Lab Sample ID : Trip Blank

Sample Collection Date : 05/27/98

Sample Analysis Date : 06/17/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #1A
File #: BT45821

	Date	Time	Analyst
Collected:	06/11/98	15:00	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/15/98	12:20	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	9.48			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #1A
File #: BT45821

	Date	Time	Analyst
Collected:	6/11/98	15:00	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/15/98	12:20	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
etrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.2	250.0	108.4	55.5	250.0	111.0	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		49.3	250.0	98.6	50.9	250.0	101.8	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		50.4	250.0	100.8	51.1	250.0	102.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45821

Sample Matrix : Water

Lab Sample ID : Well #1A

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/15/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #2
File #: BT45822

	Date	Time	Analyst
Collected:	06/11/98	15:30	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/15/98	13:21	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #2
File #: BT45822

	Date	Time	Analyst
Collected:	6/11/98	15:30	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/15/98	13:21	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
etrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.6	250.0	109.2	55.5	250.0	111.0	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		50.4	250.0	100.8	50.9	250.0	101.8	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		52.1	250.0	104.2	51.1	250.0	102.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45822

Sample Matrix : Water

Lab Sample ID : Well #2

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/15/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #4
File #: BT45823

	Date	Time	Analyst
Collected:	06/11/98	17:00	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/15/98	14:23	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #4
File #: BT45823

	Date	Time	Analyst
Collected:	6/11/98	17:00	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/15/98	14:23	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	3.46			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		53.7	250.0	107.4	55.5	250.0	111.0	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		52.7	250.0	105.4	50.9	250.0	101.8	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		52.1	250.0	104.2	51.1	250.0	102.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45823

Sample Matrix : Water

Lab Sample ID : Well #4

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/15/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 8

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION
	Unknown	39.85	34.4
	Unknown	40.27	29.1
	Unknown	41.62	148
	Unknown	42.25	40.8
	Unknown	42.80	29.7
	Unknown	44.03	22.2
	Unknown	44.62	21.5
	Unknown	46.02	32.5

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #6
File #: BT45824

	Date	Time	Analyst
Collected:	06/11/98	14:15	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/15/98	16:48	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #6
File #: BT45824

	Date	Time	Analyst
Collected:	6/11/98	14:15	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/15/98	16:48	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		55.3	250.0	110.6	55.5	250.0	111.0	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		49.0	250.0	98.0	50.9	250.0	101.8	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		51.7	250.0	103.4	51.1	250.0	102.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45824

Sample Matrix : Water

Lab Sample ID : Well #6

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/15/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #7
File #: BT45825

	Date	Time	Analyst
Collected:	06/11/98	14:00	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/15/98	17:49	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #7
File #: BT45825

	Date	Time	Analyst
Collected:	6/11/98	14:00	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/15/98	17:49	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		53.9	250.0	107.8	55.5	250.0	111.0	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		49.2	250.0	98.4	50.9	250.0	101.8	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		51.2	250.0	102.4	51.1	250.0	102.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45825

Sample Matrix : Water

Lab Sample ID : Well #7

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/15/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #8
File #: BT45826

	Date	Time	Analyst
Collected:	06/11/98	15:15	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	13:20	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
richloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
oluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #8
File #: BT45826

	Date	Time	Analyst
Collected:	6/11/98	15:15	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	13:20	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		52.5	250.0	105.0	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		50.1	250.0	100.2	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		49.4	250.0	98.8	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45826

Sample Matrix : Water

Lab Sample ID : Well #8

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #9
File #: BT45827

	Date	Time	Analyst
Collected:	06/11/98	16:30	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	14:19	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #9
File #: BT45827

	Date	Time	Analyst
Collected:	6/11/98	16:30	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	14:19	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
trachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.8	250.0	109.6	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		49.8	250.0	99.6	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		50.9	250.0	101.8	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45827

Sample Matrix : Water

Lab Sample ID : Well #9

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #10
File #: BT45828

Collected: 06/11/98 14:45 Client
Received: 06/12/98 12:15 CMB
Analyzed: 06/16/98 15:20 CRR
Date Time Analyst

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #10
File #: BT45828

	Date	Time	Analyst
Collected:	6/11/98	14:45	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	15:20	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		53.8	250.0	107.6	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		50.9	250.0	101.8	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		48.7	250.0	97.4	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:

Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45828

Sample Matrix : Water

Lab Sample ID : Well #10

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #11
File #: BT45829

	Date	Time	Analyst
Collected:	06/11/98	14:30	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	16:22	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	18.8			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #11
File #: BT45829

	Date	Time	Analyst
Collected:	6/11/98	14:30	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	16:22	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.2	250.0	108.4	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		49.9	250.0	99.8	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		49.3	250.0	98.6	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45829

Sample Matrix : Water

Lab Sample ID : Well #11

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICA[illegible]TING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #12
File #: BT45830

	Date	Time	Analyst
Collected:	06/11/98	15:45	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	17:29	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
[illegible]oluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
[illegible],3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
[illegible],4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #12
File #: BT45830

	Date	Time	Analyst
Collected:	6/11/98	15:45	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	17:29	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		53.3	250.0	106.6	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		50.6	250.0	101.2	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		50.8	250.0	101.6	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45830

Sample Matrix : Water

Lab Sample ID : Well #12

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #13
File #: BT45831

	Date	Time	Analyst
Collected:	06/11/98	16:45	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	18:35	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #13
File #: BT45831

	Date	Time	Analyst
Collected:	6/11/98	16:45	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	18:35	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.8	250.0	109.6	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		51.3	250.0	102.6	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		50.2	250.0	100.4	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by: Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45831

Sample Matrix : Water

Lab Sample ID : Well #13

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #14
File #: BT45832

	Date	Time	Analyst
Collected:	06/11/98	16:15	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/16/98	19:42	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTIC ESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #14
File #: BT45832

	Date	Time	Analyst
Collected:	6/11/98	16:15	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/16/98	19:42	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.7	250.0	109.4	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		50.2	250.0	100.4	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		51.0	250.0	102.0	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:
Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45832

Sample Matrix : Water

Lab Sample ID : Well #14

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/16/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #16
File #: BT45833

	Date	Time	Analyst
Collected:	06/11/98	16:00	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/17/98	14:32	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA

VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: MW #16
File #: BT45833

	Date	Time	Analyst
Collected:	6/11/98	16:00	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/17/98	14:32	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.5	250.0	109.0	54.2	250.0	108.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		47.9	250.0	95.8	51.7	250.0	103.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		50.2	250.0	100.4	52.8	250.0	105.6	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:

Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45833

Sample Matrix : Water

Lab Sample ID : Well #16

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/17/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: Equipment Blank
File #: BT45834

	Date	Time	Analyst
Collected:	06/11/98	18:00	Client
Received:	06/12/98	12:15	CMB
Analyzed:	06/17/98	16:36	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE (BT45833) Spike Amount ng	MATRIX SPIKE (BT45833) Spike % Recovery	MATRIX SPIKE DUP (BT45833) Detected Amount ug/L (ppb)	MATRIX SPIKE DUP (BT45833) Spike Amount ng	MATRIX SPIKE DUP (BT45833) Spike % Recovery
1,1-Dichloroethene	75-35-4	2.00	ND			ND			45.7	250.0	91.4	46.5	250.0	93.0
Benzene	71-43-2	2.00	ND			ND			49.7	250.0	99.4	49.5	250.0	99.0
Trichloroethene	79-01-6	2.50	ND			ND			45.2	250.0	90.4	45.8	250.0	91.6
Toluene	108-88-3	2.50	ND			ND			52.2	250.0	104.4	52.6	250.0	105.2
Chlorobenzene	108-90-7	2.00	ND			ND			52.5	250.0	105.0	52.8	250.0	105.6
Bromobenzene	108-86-1	2.50	ND			ND			ND			ND		
Bromochloromethane	74-97-5	2.00	ND			ND			ND			ND		
Bromodichloromethane	75-27-4	2.00	ND			ND			ND			ND		
Bromoform	75-25-2	2.50	ND			ND			ND			ND		
Bromomethane	74-83-9	1.00	ND			ND			ND			ND		
n-Butylbenzene	104-51-8	1.50	ND			ND			ND			ND		
sec-Butylbenzene	135-98-8	2.50	ND			ND			ND			ND		
tert-Butylbenzene	98-06-6	3.00	ND			ND			ND			ND		
Carbon Tetrachloride	56-23-5	2.00	ND			ND			ND			ND		
Chloroethane	75-00-3	3.00	ND			ND			ND			ND		
Chloroform	66-67-3	2.00	ND			ND			ND			ND		
Chloromethane	74-87-3	3.00	ND			ND			ND			ND		
2-Chlorotoluene	95-49-8	3.00	ND			ND			ND			ND		
4-Chlorotoluene	106-43-4	1.50	ND			ND			ND			ND		
Dibromochloromethane	124-48-1	2.00	ND			ND			ND			ND		
1,2-Dibromo-3-chloropropane	96-12-8	4.00	ND			ND			ND			ND		
1,2-Dibromoethane	106-93-4	2.00	ND			ND			ND			ND		
Dibromomethane	74-95-3	2.50	ND			ND			ND			ND		
1,2-Dichlorobenzene	95-50-1	2.50	ND			ND			ND			ND		
1,3-Dichlorobenzene	541-73-1	2.00	ND			ND			ND			ND		
1,4-Dichlorobenzene	106-46-7	2.00	ND			ND			ND			ND		
Dichlorodifluoromethane	75-71-8	2.00	ND			ND			ND			ND		
1,1-Dichloroethane	75-34-3	2.00	ND			ND			ND			ND		
1,2-Dichloroethane	107-06-2	2.00	ND			ND			ND			ND		
cis-1,2-Dichloroethene	156-59-2	2.50	ND			ND			ND			ND		
trans-1,2-Dichloroethene	156-60-5	2.50	ND			ND			ND			ND		
1,2-Dichloropropane	78-87-5	2.50	ND			ND			ND			ND		
1,3-Dichloropropane	142-28-9	2.50	ND			ND			ND			ND		
2,2-Dichloropropane	594-20-7	2.00	ND			ND			ND			ND		
1,1-Dichloropropene	563-58-6	2.00	ND			ND			ND			ND		
c-1,3-Dichloropropene	10061-01-5	2.00	ND			ND			ND			ND		
t-1,3-Dichloropropene	10061-02-6	2.00	ND			ND			ND			ND		
Ethyl benzene	100-41-4	2.50	ND			ND			ND			ND		
Hexachlorobutadiene	87-68-3	2.00	ND			ND			ND			ND		
Isopropylbenzene	98-82-8	2.50	ND			ND			ND			ND		
p-Isopropyltoluene	99-87-6	2.00	ND			ND			ND			ND		
Methylene chloride	75-09-2	2.50	ND			ND			ND			ND		
Naphthalene	91-20-3	3.00	ND			ND			ND			ND		
n-Propylbenzene	103-65-1	1.50	ND			ND			ND			ND		

BONNER ANALYTICAL TESTING COMPANY

QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
VOLATILE ORGANICS - GC/MS ANALYSIS DATA

Client: Vicksburg Chemical
Location: Equipment Blank
File #: BT45834

	Date	Time	Analyst
Collected:	6/11/98	18:00	Client
Received:	6/12/98	12:15	CMB
Analysis:	6/17/98	16:36	CRR

Sample Type: Water
Analysis Method: 8260

Compound Name	CAS Number	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	BLANK Detected Amount ug/L (ppb)	BLANK Spike Amount ug	BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ng	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUP Detected Amount ug/L (ppb)	MATRIX SPIKE DUP Spike Amount ng	MATRIX SPIKE DUP Spike % Recovery
Styrene	100-42-5	2.00	ND			ND			ND			ND		
1,1,1,2-Tetrachloroethane	630-20-6	2.50	ND			ND			ND			ND		
1,1,2,2-Tetrachloroethane	79-34-5	2.50	ND			ND			ND			ND		
Tetrachloroethene	127-18-4	2.00	ND			ND			ND			ND		
1,2,3-Trichlorobenzene	87-61-6	2.00	ND			ND			ND			ND		
1,2,4-Trichlorobenzene	120-82-1	2.50	ND			ND			ND			ND		
1,1,1-Trichloroethane	71-55-6	2.00	ND			ND			ND			ND		
1,1,2-Trichloroethane	79-00-5	2.50	ND			ND			ND			ND		
Trichlorofluoromethane	75-69-4	2.00	ND			ND			ND			ND		
1,2,3-Trichloropropane	96-18-4	1.50	ND			ND			ND			ND		
1,2,4-Trimethylbenzene	95-63-6	2.00	ND			ND			ND			ND		
1,3,5-Trimethylbenzene	108-67-8	3.00	ND			ND			ND			ND		
Vinyl chloride	75-01-4	2.50	ND			ND			ND			ND		
Xylenes (total)	1330-20-7	4.00	ND			ND			ND			ND		
Surrogate Compounds			Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Dibromofluoromethane	1868-53-7		54.9	250.0	109.8	55.2	250.0	110.4	55.0	250.0	110.0	56.7	250.0	113.4
Toluene-d8	2037-26-5		48.8	250.0	97.6	47.7	250.0	95.4	48.2	250.0	96.4	48.2	250.0	96.4
4-Bromofluorobenzene	460-00-4		49.9	250.0	99.8	48.6	250.0	97.2	51.8	250.0	103.6	50.9	250.0	101.8

Certified by:

Michael S. Bonner, Ph. D.
Bonner Analytical Testing Company

BONNER ANALYTICAL TESTING COMPANY

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client : Vicksburg Chemical

File # : BT45834

Sample Matrix : Water

Lab Sample ID : Equipment Blank

Sample Collection Date : 06/11/98

Sample Analysis Date : 06/17/98

GC Column Length : 105 M

Dilution Factor : 1

GC Column ID : 0.53 mm

Sample Weight/ Volume : 5.0 (g/mL) mL

Method Code: 8260

Number TICs Found : 0

Concentration Units : ug / L (PPB)

CAS NUMBER	COMPOUND NAME	RT	EST. CONCENTRATION

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Trip Blank
File #: BT45820

	Date	Time	Analyst
Collected:	6/11/98		client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	0:35	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/1/98	23:27	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		*17.10*	*20.00*	*85.50*	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		482.0	500.0	96.40	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 1A
File #: BT45821

	Date	Time	Analyst
Collected:	6/11/98	15:00	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	1:26	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	0:11	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	127			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		22.37	20.00	111.85	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		472.6	500.0	94.52	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 2
File #: BT45822

	Date	Time	Analyst
Collected:	6/11/98	15:30	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	2:17	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	0:54	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	0.35			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.83	20.00	109.15	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		440.0	500.0	88.00	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 4
File #: BT45823

	Date	Time	Analyst
Collected:	6/11/98	17:00	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	3:09	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	1:37	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	0.26			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.62	20.00	108.10	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		430.0	500.0	86.00	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 6
File #: BT45824

	Date	Time	Analyst
Collected:	6/11/98	14:15	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	4:00	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	2:21	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.89	20.00	109.45	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		389.1	500.0	77.82	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 7
File #: BT45825

	Date	Time	Analyst
Collected:	6/11/98	14:00	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	4:51	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	3:04	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		20.57	20.00	102.85	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		363.1	500.0	72.62	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 8
File #: BT45826

	Date	Time	Analyst
Collected:	6/11/98	15:15	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	5:42	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	3:47	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		20.51	20.00	102.55	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		378.8	500.0	75.76	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 9
File #: BT45827

	Date	Time	Analyst
Collected:	6/11/98	16:30	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	6:33	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	4:31	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		20.82	20.00	104.10	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		388.1	500.0	77.62	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical	Collected:	6/11/98	14:45	client	Sample Type:	Water
Sample ID: Well 10	Pesticide Extraction:	6/17/98	10:00	RML	Pesticide Extraction Method:	SW846 3510
File #: BT45828	Pesticide Analysis:	6/30/98	7:24	RML	Pesticide Analysis Method:	SW846 8081A
	Herbicide Extraction:	6/18/98	9:00	RML	Herbicide Extraction Method:	SW846 8151
	Herbicide Analysis:	7/2/98	5:14	RML	Herbicide Analysis Method:	SW846 8151
		Date	Time	Analyst		

COMPOUNDS	MDL ug/L (ppb)	SAMPLE			METHOD BLANK			MATRIX SPIKE			MATRIX SPIKE DUPLICATE		
		Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		20.00	20.00	100.00	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		433.4	500.0	86.68	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 11
File #: BT45829

	Date	Time	Analyst
Collected:	6/11/98	14:30	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	8:15	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	6:41	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	4.53			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.87	20.00	109.35	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		407.8	500.0	81.56	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 12
File #: BT45830

	Date	Time	Analyst
Collected:	6/11/98	15:45	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	9:06	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	7:24	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		23.29	20.00	116.45	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		451.1	500.0	90.22	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 13
File #: BT45831

	Date	Time	Analyst
Collected:	6/11/98	16:45	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	9:57	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	8:07	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.42	20.00	107.10	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		470.9	500.0	94.18	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 14
File #: BT45832

	Date	Time	Analyst
Collected:	6/11/98	16:15	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	10:48	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	8:50	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE			METHOD BLANK			MATRIX SPIKE			MATRIX SPIKE DUPLICATE		
		Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug	Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		19.96	20.00	99.80	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		415.6	500.0	83.12	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Well 16
File #: BT45833

	Date	Time	Analyst
Collected:	6/11/98	16:00	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/30/98	11:40	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/2/98	9:34	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		21.11	20.00	105.55	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		389.9	500.0	77.98	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
PESTICIDE / HERBICIDE - ECD ANALYSIS DATA

Client: Vicksburg Chemical
Sample ID: Equipment Blank
File #: BT45834

	Date	Time	Analyst
Collected:	6/11/98	18:00	client
Pesticide Extraction:	6/17/98	10:00	RML
Pesticide Analysis:	6/29/98	23:44	RML
Herbicide Extraction:	6/18/98	9:00	RML
Herbicide Analysis:	7/1/98	22:44	RML

Sample Type: Water
Pesticide Extraction Method: SW846 3510
Pesticide Analysis Method: SW846 8081A
Herbicide Extraction Method: SW846 8151
Herbicide Analysis Method: SW846 8151

COMPOUNDS	MDL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug	METHOD BLANK Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug	MATRIX SPIKE Spike % Recovery	MATRIX SPIKE DUPLICATE Detected Amount ug/L (ppb)	MATRIX SPIKE DUPLICATE Spike Amount ug	MATRIX SPIKE DUPLICATE Spike % Recovery
Dinoseb *	0.19	ND			ND			884.6	1000.0	88.46	924.7	1000.0	92.47
Toxaphene *	0.25	ND			ND			1045	1000.0	104.5	1084	1000.0	108.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Decachlorobiphenyl		17.85	20.00	89.25	19.36	20.00	96.80	21.34	20.00	106.7	20.25	20.00	101.3
Dichlorophenylacetic Acid		439.4	500.0	87.88	416.0	500.0	83.19	406.1	500.0	81.23	449.6	500.0	89.91

* = Matrix Spiking Compounds

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Phone: (601) 264-2854 | 2703 Oak Grove Road Hattiesburg, MS 39402 | Fax: (601) 268-7084

"Testing Your World for a Safer Tomorrow"

1

YOUR COMPANY NAME: VICKSBURG CHEMICAL

YOUR COMPANY ADDRESS: P.O. BOX 821003 VICKSBURG, MS 39182

NAME OF PERSON TO CONTACT: ERIC BLUSH EXT:

CONTACT PERSON'S PHONE: (601) 636-1231 259

2

YOUR PROJECT NO.	YOUR P.O.#	YOUR PROJECT NAME:
	01-053372	2nd Quarter 1998 Groundwater Samples

3 **4**

YOUR SAMPLE DESCRIPTION:	DATE	TIME	MATRIX	Toxaphene (8081A)	Dinoseb (8151B)	VOA (8260) TRIP BLK	VOA (8260)	As (2062)			NUMBER OF CONTAINERS	PRESERVATIONS	**5 REMARKS** Turnaround Time / Detection Limits Special Limits Required Yes No
TRIP BLANK	~~6/11~~		~~GW~~	X	X	X	X	X			5	HCl	BT45820
Well #1A	6/11	1500	GW								5		45821
Well #2		1530									5		45822
Well #4		1700									5		45823
Well #5 OMIT (DRY)					OMIT								
Well #6		1415		X	X	X	X	X			5		45824
Well #7		1400									5		45825
Well #8		1515									5		45826
Well #9		1630									5		45827
Well #10		1445									5		45828

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
	6/12	1215					
	6/12	1215					

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER (Signature)	RECEIVED FOR BATCO BY: (Signature)	DATE/TIME

SAMPLE REMAINDER DISPOSAL

☐ RETURN SAMPLE REMAINDER TO CLIENT VIA _____ (SOME SHIPPING CHARGES MAY BE INCURRED)

☐ I REQUEST BATCO TO DISPOSE OF ALL SAMPLE REMAINDERS

_____ (Signature) _____ (Date)

IF SAMPLE REMAINDER IS DETERMINED TO BE HAZARDOUS, A MINIMUM ADDITIONAL CHARGE OF $25.00 PER SAMPLE WILL BE ASSESSED FOR DISPOSAL.

REVISION DATE 2/94

③

BONNER ANALYTICAL TESTING COMPANY

Phone: (601) 264-2854 | 2703 Oak Grove Road Hattiesburg, MS 39402 | Fax: (601) 268-7084

"Testing Your World for a Safer Tomorrow"

1

YOUR COMPANY NAME: VICKSBURG CHEMICAL

YOUR COMPANY ADDRESS: P.O. BOX 821003 VICKSBURG, MS 39182

NAME OF PERSON TO CONTACT: ERIC BLUSH

CONTACT PERSON'S PHONE: (601) 636-1231 EXT 259

2

YOUR PROJECT NO.:	YOUR P.O.#	YOUR PROJECT NAME:
	01-053372	2nd Quarter 1998 Groundwater Samples

3 **4**

YOUR SAMPLE DESCRIPTION:	DATE	TIME	MATRIX	Toxaphene (8081A)	Dinoseb (8151B)	VOA (8260)	Hs (2062)				NUMBER OF CONTAINERS	PRESERVATIONS	**5 REMARKS** Turnaround Time / Detection Limits Special Limits Required Yes No
Well #11	6/11	1430	GW	X	X	X	X				5	HCl	BT45829
Well #12		1545									5		45830
Well #13		1645									5		45831
Well #14		1615									5		45832
Well #16		1600									5		45833
Well #16 Matrix Spike		1600									5		
Well #16 Matrix Spike Dup		1600									5		
EQUIPMENT Blank		1800									5		45834

6

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)
[signature]	6/12	1215	[signature]				
	6/12	1215					

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER (Signature)	RECEIVED FOR BATCO BY: (Signature)	DATE/TIME

SAMPLE REMAINDER DISPOSAL

☐ RETURN SAMPLE REMAINDER TO CLIENT VIA _____

(SOME SHIPPING CHARGES MAY BE INCURRED)

☐ I REQUEST BATCO TO DISPOSE OF ALL SAMPLE REMAINDERS

_____ (Signature) _____ (Date)

IF SAMPLE REMAINDER IS DETERMINED TO BE HAZARDOUS, A MINIMUM ADDITIONAL CHARGE OF $25.00 PER SAMPLE WILL BE ASSESSED FOR DISPOSAL

REVISION DATE 2/94