

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
 1542 Old Whitfield Road
 Pearl MS 39208
 601-961-5701

Sample Results

To: WILLIE MCKERCHER		Study:	GARD
Sample ID: AA45674		County:	035 FORREST
Location Name: HERCULES INCORPORATION		Basin:	
Location Description: PROVIDENCE STREET A 370		QA Type:	
Location Code: C0350022		Division Code:	3047
Other No.:		Requested By:	WILLIE MCKERCHER
Permit No.: MSP091286		Date Collected:	10/01/2010
Discharge No.: MSP091286-001		Time Collected:	1145
Master AI No.: 2022		Sample Collector:	WMCKERCHER
Latitude:		Delivery Mode:	SV
Longitude:		Received at Lab by:	TAMMY SAWYER
		Date Received at Lab:	10/01/2010
		Time Received at Lab:	1430

ANALYTE	METHOD	RESULT	UNITS	ML	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	826	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
Acetone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	137	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	82	<MQL	µg/l	5	BBATES
Trichloroethene	826u	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	110	%	80-120	BBATES
Dibromofluoromethane	8260	246*	%	80-118	BBATES
p-Bromofluorobenzene	8260	104	%	80-115	BBATES
Toluene-d8	8260	114	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS DIBROMOFLUOROMETHANE SURROGATE IS HIGH DUE TO SAMPLE INTERFERENCE. BB

Sample Validation Date 10/08/2010

Validated By _____



Date Report Printed 10/08/2010

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: WILLIE MCKERCHER		Study:	GARD
Sample ID: AA45675		County:	035 FORREST
Location Name: HERCULES INCORPORATION		Basin:	
Location Description: PROVIDENCE STREET A 372		QA Type:	
Location Code: C0350022		Division Code:	3047
Other No.:		Requested By:	WILLIE MCKERCHER
Permit No.: MSP091286		Date Collected:	10/01/2010
Discharge No.: MSP091286-001		Time Collected:	1155
Master AI No.: 2022		Sample Collector:	WMCKERCHER
Latitude:		Delivery Mode:	SV
Longitude:		Received at Lab by:	TAMMY SAWYER
		Date Received at Lab:	10/01/2010
		Time Received at Lab:	1430

ANALYTE	METHOD	RESULT	UNITS	ML	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	45.2	µg/L	25	BBATES
Benzene	8260	19.4	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	45.8	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	32.4	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	13.9	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	826	<MQL	µg/l	5	BBATES
Trichloroethene	826u	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Y Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	122*	%	80-120	BBATES
Dibromofluoromethane	8260	105	%	80-118	BBATES
p-Bromofluorobenzene	8260	100	%	80-115	BBATES
Toluene-d8	8260	117	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS 1,2-DICHLOROETHANE SURROGATE IS HIGH. BB

Sample Validation Date 10/08/2010

Validated By _____

Date Report Printed 10/08/2010

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. **AA45674**
Location code **C0350022**
Location Description **HERCULES INCORPORATION**
Sample collector **WMCKERCHER**
Collection date: **10/01/2010**
Lab submittal date: **10/01/2010**
Due date: **03/30/2011**
PONUMB: _____

Login record file: **101001003**

Collection time: **11:45**
Lab submittal time: **14:25**

Division Code: **3047**

PERMIT_NO **MSP091286**
DISCHARGE_NO **MSP091286-001**
OTHER_NO _____
SAMPLE_LOCATION **PROVIDENCE STREET A 370**
REQUESTED_BY **WILLIE MCKERCHER**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered

VOLATILE ORGANICS IN WATER
VOLATILE ORGANICS SURROGATES

Method

8260
8260

Due Date

10/15/2010
10/15/2010

Sample I.D. **AA45675**
Location code **C0350022**
Location Description **HERCULES INCORPORATION**
Sample collector **WMCKERCHER**
Collection date: **10/01/2010**
Lab submittal date: **10/01/2010**
Due date: **03/30/2011**
PONUMB: _____

Login record file: **101001003**

Collection time: **11:55**
Lab submittal time: **14:25**

Division Code: **3047**

PERMIT_NO **MSP091286**
DISCHARGE_NO **MSP091286-001**
OTHER_NO _____
SAMPLE_LOCATION **PROVIDENCE STREET A 372**
REQUESTED_BY **WILLIE MCKERCHER**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered

VOLATILE ORGANICS IN WATER
VOLATILE ORGANICS SURROGATES

Method

8260
8260

Due Date

10/15/2010
10/15/2010

Please refer to the indicated sample I.D. numbers when making inquiries.

Received by: _____