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BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

		Morth	Public Water Supply Name	July Association	
		40040410 List PWS ID#s	for all Water Systems Cove	10035410020.416	2022
consum system,	ier confidence rei	port (CCR) to its custo be mailed to the cust	omers each vear. Dependin	ic water system to develop and gon the population served by the spaper of local circulation, or page 1.	he public water
Please .	Answer the Follo	owing Questions Rego	arding the Consumer Conf	idence Report	
	Customers were	informed of availabil	lity of CCR by: (Attach cop	y of publication, water bill or o	other)
		Advertisement in loc On water bills Other	cal paper		
	Date custome	rs were informed: _	505110		
	CCR was dist	ributed by mail or o	other direct delivery. Spe	ecify other direct delivery m	nethods:
,	Date Mailed/Di	stributed: <u>//</u>			
9	CCR was publis	shed in local newspape	A	ed CCR or proof of publication	9
	Name of Newsp	paper: Doi	Journal		
	Date Published:	52510			
	CCR was posted	d in public places. (At	tach list of locations)		
	Date Posted:	_//			
□ www	CCR was posted		ible internet site at the address	ess:	
CERT	<u>IFICATION</u>				
system	in the form and i	manner identified abo	ve. I further certify that the	tributed to the customers of the information included in this Ced to the public water system of	CCR is true and
Name!	Title (President)	Mayor, Owner, etc.)	<u>Ø.</u>	Date	<u></u>

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

ANNUAL DRINKING WATER QUALITY REPORT NORTH LEE COUNTY WATER ASSOCIATION

BARNES CROSSING WATER ASSOCIATION-PWS ID# 0410024
BIRMINGHAM RIDGE RD WATER ASSOCIATION-PWS ID# 0410025
CEDAR HILL WATER ASSOCIATION-PWS ID# 0410027
MACEDONIA WATER ASSOCIATION-PWS ID# 0410035
RED HILL WATER ASSOCIATION-PWS ID# 0410040
LAKE PIOMINGO WATER ASSOCIATION-PWS ID# 0410022

We are very pleased to provide you with the Annual Drinking Water Quality Report for 2009. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is, and has been, to provide to you a safe and dependable supply of drinking water. Barnes Crossing Water Association's water source is five (5) wells that draw from the Eutaw and the Lower Eutaw Formation Aquifer. Birmingham Ridge Water Association's water source is four (4) wells, which draw from the Eutaw Formation Aquifer. Cedar Hill Water Association's water source is two (2) wells that draw from the Gordo Formation Aquifer. Macedonia Water Association's water source is one (1) well that draws from the Eutaw Aquifer. The Red Hill Water Association's water source is one (1) well that draws from the Eutaw-McShan Aquifer. Lake Piomingo Water Association's water source is three (3) wells that draw from the Eutaw Aquifer.

We are pleased to report that our drinking water meets all Federal and State requirements.

If you have any questions about this report or concerning your water utility, please contact Dan Durham of the North Lee County Water Association office (869-1223). We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings, which are held at 7:00 p.m. on the first Tuesday of each month. They are conducted at the Water Association office, located at 1004 Birmingham Ridge Road, Saltillo, Mississippi. This report will not be mailed out to each individual customer but you may pick up a copy in the office.

North Lee County Water Association routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the result of our monitoring for the period of January 1, 2009 through December 31, 2009. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled

drinking water, may be reasonably expected to contain at least small amounts of some constituents. It is important to remember that the presence of these constituents does not necessarily pose a health risk.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

In this table you may find some terms and abbreviations with which you may not be familiar. To help you better understand these terms we have provided the following definitions:

<u>Parts Per Million (ppm) or Milligrams Per Liter (mg/l)</u> – One part per million corresponds to one minute in two years or a single penny in \$10,000.

<u>Parts Per Billion (ppb) or Micrograms Per Liter</u> – One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

<u>Action Level</u> – The concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements, that a water system must follow.

<u>Maximum Contaminant Level</u> – The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

<u>Maximum Contaminant Level Goal</u> – The "goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. North Lee County Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water,

testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic, or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/Aids or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions.

We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

BARNES CROSSING WATER QUALITY DATA TABLE

Contaminant	Violation	Date	⊢	Range of Defects	Unit of	MCLG	MCL	Likely source of
	Z >	Collected	Detected	#of samples	Measurement			Contamination
				exceding MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	S			
				-				Discharge of drilling
		1						wastes;discharge
Barium	z	2009	0.141	0.132- 0.141	mdd	7	2	from metal refineries
								erosion of natural
								deposits
								Discharge from steel
Chromium	z	2009	1.9	1.4- 1.9	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Erosion of natural
			·					deposits; water additive
Fluoride	z	2009	0.108	0.1- 0.108	mdd	4	4	which promotes strong
								teeth; discharge from
								fertilizer and aluminum
								factories
								Dischage from petroleum
		Maranas-				*********		and metal refineries.
Selenium	Z	2009	2.5	0	qdd	50	50	erosion of natural
								deposits; Discharge from
								mines.
		_						Corrosion of household
								plumbing systems; erosion
Copper	z	2008	365	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
Lead	z	2008	7	0	qdd	0	AL=15	plumbing systems;erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	ECTION BYPR	ODUCTS		
Chlorine	Z	2009	0.18	0.07- 0.18	maa	4	4	Water additive used to
					-		***************************************	control microbes

BIRMINGHAM RIDGE WATER QUALITY DATA TABLE

Contaminant	Violation	Date	Level	Range of Defects	Unit of	MCLG	MCL	Likely source of
	Z >	Collected Detected	Detected	#of samples exceding MCL/ACL	Measurement			Contamination
	***************************************	***************************************	INORGAN	INORGANIC CONTAMINANTS	TS TS			
								Discharge of drilling
								wastes;discharge
Barium	Z	2009	0.132	0.127- 0.132	mdd	7	2	from metal refineries
								erosion of natural
	_							deposits
								Discharge from steel
Chromium	z	2009	9.0	0	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Erosion of natural
								deposits; water additive
Fluoride	z	2009	0.102	0.12- 0.102	mdd	4	4	which promotes strong
								teeth; discharge from
								fertilizer and aluminum
								factories
								Corrosion of household
								plumbing systems; erosion
Copper	z	2008	Γ.	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
-								Corrosion of household
Lead	z	2008	<u>ත</u>	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	FECTION BYPR	ODUCTS		
(H)	Z	0000	200	90 0	S. C.	_	7	(A) to constitute of the constitution of the c
<u> </u>	Ξ	6007	0.7	0.03- 0.02	=	†	†	valer additive used to
				I minimum.				collillo IIIIciopes

CEDAR HILL WATER QUALITY TABLE

Contaminant	Violation Y/N	Date Collected	Level Defected	Range of Defects #of samples	Unit of Measurement	MCLG	MCL	Likely source of
				exceding MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	S			
								Discharge of drilling
	,							wastes;discharge
Barium	z	2009	0.135	0.132- 0.135	mdd	2	2	from metal refineries
								erosion of natural
								deposits
								Discharge from steel
Chromium	z	2009	8.0	0.7- 0.8000	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Erosion of natural
								deposits; water additive
Fluoride	z	2009	0.106	0- 0.106	mdd	4	4	which promotes strong
								teeth; discharge from
								fertilizer and aluminum
								factories
								Corrosion of household
								plumbing systems; erosion
Copper	z	2007	.2648	0	mdd	1.3	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
Lead	z	2007	1.1	0	qdd	0	AL=15	plumbing systems; erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	FECTION BYPR	ODUCTS		
Chlorine	Z	2009	0.19	0.12-0.19	8		~	Mater addition to the
	-	200	2	0.12	<u>.</u> D.	t	1	valer additive used to control microbes

LAKE PIOMINGO WATER QUALITY TABLE

e of drillina	wastes;discharge from metal refineries erosion of natural deposits Discharge from steel and pulp mills; erosion of natural deposits	wastes; discharge from metal refineries erosion of natural deposits Discharge from steel and pulp mills; erosion of natural deposits Erosion of natural deposits erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	wastes; discharge from metal refineries erosion of natural deposits Discharge from steel and pulp mills; erosion of natural deposits Erosion of natural deposits erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories Corrosion of household plumbing systems; erosion of natural deposits leaching from wood preservatives	wastes; discharge from metal refineries erosion of natural deposits Discharge from steel and pulp mills; erosion of natural deposits Erosion of natural deposits, water additive which promotes strong teeth; discharge from fertilizer and aluminum factories Corrosion of household plumbing systems; erosion of natural deposits leaching from wood pre- servatives Corrosion of household plumbing systems; erosion of natural deposits corrosion of household plumbing systems; erosion of natural deposits	lischarge tal refineries of natural efrom steel mills; erosion al deposits of natural comotes strong scharge from and aluminum and aluminum and aluminum and psystems; erosion all deposits from wood pre- ss n of household g systems; erosion all deposits n of systems; erosion all deposits
Discharge of drilling wastes; discharge from metal refineries	deposits Discharge from st and pulp mills; er	erosion of natural deposits Discharge from steand pulp mills; ero: of natural deposits Erosion of natural deposits; water ad which promotes streeth; discharge fre fertilizer and alumifactories	erosion of natural deposits Discharge from steand pulp mills; erosion of natural deposits Erosion of natural deposits, water adwhich promotes strateth; discharge frateth; discharge frafertilizer and alumifactories Corrosion of house plumbing systems; of natural deposits leaching from wood servatives	erosion of natural deposits Discharge from steand pulp mills; eros of natural deposits Erosion of natural deposits; water add which promotes structerly, discharge from teeth; discharge from fertilizer and aluminate from the fertilizer and aluminate from the fertilizer and aluminate from fertilizer and fertilizer and fertilizer and fertilizer and fertilizer and aluminate from fertilizer and fer	erosion ot na deposits Discharge frand pulp mil of natural de Erosion of n deposits; we which prome teeth; dischafertilizer and factories Corrosion of plumbing sy of natural de leaching froi servatives Corrosion of plumbing sy of natural de leaching froi servatives Corrosion of plumbing sy of natural de leaching froi servatives Corrosion of plumbing sy of natural de leaching froi servatives Corrosion of plumbing sy of natural de leaching froi servatives
2	100	001 4	100 4 AL=1.3	100 4 AL=1.3 AL=15	100 4 AL=1.3
0	100	4 4	001 4 £.;	00	100 4 4 1.3 0 0
E De la Contraction de la Cont	qdd				ppb ppm ppb ppb
INORGANIC CONTAMINANTS 0.138 0.129- 0.138	0.9000	0.6- 0.9000	0.6- 0.9000	0.6- 0.9000	0.9 0.6- 0.9000 ppb 100 0.117 0- 0.117 ppm 4 2.7 0 ppb 1.3 DISINFECTANTS AND DISINFECTION BYPRODUCTS
INORGAN 0.138	6.0	0.9	0.9	0.9 0.117	0.9 0.117 2.7 2.7
5009	2009	2009	2009	2009	2009
z	Z	z z	z z z	z z z z	z z z
Barium	Chromium	Chromium Fluoride	Chromium Fluoride Copper	Chromium Fluoride Copper	Chromium Fluoride Copper Lead

MACEDONIA WATER QUALITY TABLE

													ion		ا		774	ion				
Likely source of	Contamination			Discharge of drilling	wastes;discharge	from metal refineries	erosion of natural	deposits	Discharge from steel	and pulp mills; erosion	of natural deposits	Corrosion of household	plumbing systems;erosion	of natural deposits	leaching from wood pre-	servatives	Corrosion of household	plumbing systems; erosion	of natural deposits		- 1 1 1 1 - 1 - 1 - 1 - 1 - 1 -	water additive used to control microbes
MCL						7				100				AL=1.3				AL=15			7	4
MCLG						7				100				1.3				0		ODUCTS	V	1
Unit of	Measurement		S.			mdd				qdd				mdd				qdd		FECTION BYPR	!	
Range of Defects	#of samples exceding	MCL/ACL	INORGANIC CONTAMINANTS			0				0				0				0		DISINFECTANTS AND DISINFECTION BYPRODUCTS	0	<u>.</u>
Level	Detected		INORGAN			0.135				1.0				.2541				7.		DISINFEC.	0,70	<u>.</u>
Date	Collected					2009				2009				2007				2007			C	8007
Violation	Z >					z				z				Z				Z			2	2
Contaminant						Barium				Chromium				Copper				Lead			1	ש ב

RED HILL WATER QUALITY TABLE

Contaminant	Violation	Date	ava	Range of Defects	Init of	UC! OM	MCI	likely source of
:	X/N	Collected Detected	Detected	#of samples	Measurement))	Contamination
				exceding				
				MCL/ACL				
			INORGAN	INORGANIC CONTAMINANTS	S			
								Discharge of drilling
								wastes;discharge
	Z	2009	0.140	0	mdd	7	7	from metal refineries
								erosion of natural
								deposits
								Discharge from steel
	z	2009	<u>†</u>	0	qdd	100	100	and pulp mills; erosion
								of natural deposits
								Corrosion of household
								plumbing systems; erosion
	Z	2009	0.037	0	mdd	د .	AL=1.3	of natural deposits
								leaching from wood pre-
								servatives
								Corrosion of household
	Z	2009	0.0005	0	qdd	0	AL=15	plumbing systems;erosion
								of natural deposits
			DISINFEC	DISINFECTANTS AND DISINFECTION BYPRODUCTS	-ECTION BYPR	ODUCTS		
	z	2009	0.18	0.09- 0.18	maa	4	4	Water additive used to
	•					•		control microbes

TUESDAY, MAY 25, 2010 # PAGE 96 2009 0.141 0.132-0.141 2009 1.9 0.1+0.108 0.108 | 0.15 | 0.07-0.16 | 0.07-0.16 2009 0.132 8.0 0.102 2008

		Charle State State	CONTRACTOR OF THE PARTY OF THE	Exceeding MCL/ACL	ment	335		
Barlum	l N	2009		INORGANIC		NTS		1
		.	0.135	0.132-0,135	ppm	2	2	Discharge of drilling wastes discharge from metal refinering prosion of natural deposits
Chromium	N	2009	0.8	0.7-0.8000	690	10	0 100	Brosion of natural deposits Discharge from steel and our
Fluoride	N	2009	0.106	0-0.106	ppm	44	-	Discharge from steel and pur mile; eroston of netural deposits
							1.	Stresion of natural deposits; water eadliths which promote strong teethy discharge from erulater and aluminum factor
Copper	N.	2007	.2548		ppm	13	AL=1	Tertifizer and aluminum factor Corresion of household plumbing
iesd	N.	2007	1.1	7.0	ppb	- 0	AL-I	Corresion of household planning systems, erosten of network approach exciting from type? preservatives Corresion of household planning systems; erosten of network depo-
Chlorina	I N	2009	D1519FE	CTANTE AND DI	SIMPECTION	SYPRO	DUCTS	Destams; erosion of natural depos
	ш.	1	1	0.12-0.15	ppm	4	4	Water additive used to control micropes
Conteminant	Violatio	on Date Collecte	Level Delected	Range of Defects	Unit of Measure	HOL	Н ма	Likely Spurce of Contamination
	4			M CAR	megt			The state of Contamination
Settum .	T N	2009	0.135	INDEGANIC C	ONTANINAN PPM	19		- Inches
hromlum	N	2009	1.0				1.2	Discharge of ortiling wastes; discharge from metal refineres erosion of natural deposits
	1			9	PAD	100	100	Discharge from steel and pulp milis; erosion of natural deposits
opper	, N	2007	.2541	0	ppm	1,3	AL-1.3	Corrosion of household plumbing
ted	N	2007	1,5	-0	ppb	0	AL+15	Corrosion of household plumbing systems; erosion of natural deposits leading from wood preservatives. Corrosion of household plumbing systems; erosion of natural deposits.
hlorine	1 1	1 2009	DISINFEO	TANTS AND DIS: 0.11-0.19	INFECTION	BYPROD		eystems; erosion of natural deposit
	1	4			ppm	4	4	Water additive used to control microbes
onkaminant	Violation Y/N	1 Date Collected	Level Detected	Range of Defects	Unit of	MCLG	MCL	Likely Source of Contamination
	1	1		Range of Defects # of Liampies Exceeding MC /ACL	Unit of Measure- ment	[20]		1,1
nium	N	2009	0.140	INOREANIC CO	2 100 100 100 100 100			7.00
romlum	N				ppm	2	2	Discharge of drilling wastes: discharge from matal refineries; erosion of natural deposits
		2009	1,1	•	ppb	100	100	Discharge from steel and pulp milis; erosion of natural deposits
pper	N	2009	0.037	0	ppm	1,3	AL=1.3	Corrosion of household plumbing
ed "	N	2009	0.0005	Q.	dqd	0	AL#15	Corrosion of household plumbing systems; excelon of natural deposits; leaching from wood preservatives
foring	N	2009	DISINFEC 0.18	ANTS AND DIST	FECTION B	VPROD!	ICTS	Corresion of household plumbing systems; erosion of natural deposits
	<u> </u>	L	GOLD SEASON S	0.09-0.18	ppm	4	•	Water additive used to control
nterninant	Violation Y/N	Date Collected	Level Detected	PIOMINGO WATE Range of Defects	Unit of	HCLG	MCL	Likely Source of Contemination
				Range of Defects # of Samples Exceeding MCL/ACL	Unit of Measure ment			and the second second
lum	N	2009	0.138	INORGANIC CON 0.129-0.138	PPM	2 [- 2	
mulma	N	2009	0.9	0.6-0.9000				Discharge of drilling wastes discharge from metal refineries; erosion of natural deposits
vilde					ppb,	100	100	Discharge from steel and pulp miles, erosion of natural deposits
	N	2009	0.117	0-0.117	ppm	4	4	Erosion of natural deposits) water additive which pro-
Der Te	N	2008	.2182	- 6 - 1	ppm		AU+1,3	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.
,	- 1	2008	2.7			1.3		systems; erosion of natural deposits:
1	1			0	ppb	0		Corresion of household plumbing systems; erosion of natural deposits
rine	Ν.	2009	0.18	0.12-0.18	PPMI P	PRODU		
urces of drink! Is can be micro e expected to	ng Water a bes, inong contain a	are subject lanic, or org	to potential anic chemica	contamination by s is and radioactive s	ubstances th	at are n	aturally oc	Wester additive used to control micro. Outring or main made. These submides to the second of the se
iter poses a hi Rection Agenc	aith risk r's Safe Di	More Inform	ation about or If Hotiling at	ontaminants and p 1-900-426-4791	i the present otential heal	ce of cor th effect	taminants can be ob	does not necessarily indicate that tained by calling the Environmen-
PERSONAL PROPERTY AND	STORE VI	matable to	conteminants	in drinking water	than the nen	ecel non	ulation Ico	

Rease call our office if you have questions.
We gat that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's help us protect our water sources, which are the heart of our community, our way of life and our children's high.

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