



MISSISSIPPI STATE DEPARTMENT OF HEALTH

RECEIVED-WATER SUPPLY
2010 JUL -9 AM 9:32
50x7/9/09

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

Paynes Water Association
Public Water Supply Name

080008
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each *community* public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*
 - Advertisement in local paper
 - On water bills
 - Other _____

Date customers were informed: 6/20/10

- CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed _____

- CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: Sun-Sentinel

Date Published: 6/24/10

- CCR was posted in public places. *(Attach list of locations)*

Date Posted: / /

- CCR was posted on a publicly accessible internet site at www. _____

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

X Shay Roberts
Name/Title (President, Mayor, Owner, etc.)

6/30/10
Date

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

570 East Woodrow Wilson Post Office Box 1700 Jackson, MS 39215-1700
601-576-8090 1-866-HLTHY4U www.HealthyMS.com

Volatile Organic Contaminants									
74. Toluene	N	2008*	.0005	No Range	ppm	1		1	Discharge from petroleum factories
76. Xylenes	N	2008*	.00006	No Range	ppm	10		10	Discharge from petroleum factories; discharge from chemical factories
Disinfection By-Products									
Chlorine	N	2008* 2009	.85 .82	.5 – 1.5 .5 – 1.5	ppm	0	MRDL = 4		Water additive used to control microbes

* Most recent sample. No sample required for 2009.

In 2008 our system received a consumer confidence report violation, but not producing this report.

We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

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. Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in April of 2004. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

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 service lines and home plumbing. Our water system 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 microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

*******A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING*******

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Paynes Water Association works around the clock to provide top quality water to every tap. 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.

You requested Water Supply #680008

Applicable PWS Reports: 680008_1.htm

[View Report](#)

PWS ID:680008 Source ID:1

PAYNE WATER ASSOCIATION , Tallahatchie County

Final Susceptibility Assessment Ranking: Moderate

OLWR Permit Number: MS-GW-02389	Well Number: L0005
Latitude 33° 56' 44.902"	Longitude 90° 3' 53.510"
Location: SW SW S14 T24N R02E	Elevation: 321
USGS Quadrangle: PAYNES	

Well Completion and Aquifer Data

Aquifer: Lower Wilcox	Aquifer Top: 1265	Aquifer Bottom: 1316
Screen Top: 1280	Screen Base: 1312	Split: No
Static Fluid Level: 120	Saturated: Yes	Completion Date: 3/20/1967
Minimum Design: No	Pump Rate: 150	Aquifer Confinement Class: Confined
E-Log: No	E-Log #:	Drillers Log: No
		Permit: Yes
		Pot Map: Yes

Comments: INACTIVE ON 2009 MDOH LIST. NO P & A FORM.

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
749	797	Shale
900	964	Shale
1095	1134	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain

contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **NO**

The State Department of Health adopted minimum design criteria for the completion of public water system wells in 1975. This well was drilled prior to 1975, and there is no record of its annular space being grouted (cemented) from the screened interval (aquifer) to land surface. Because of this uncertainty, MDEQ is taking a cautious approach and assuming that the annular space was not properly grouted. UngROUTED annular spaces may serve as conduits and allow shallow ground water contamination to adversely impact deeper aquifers.

4. Are there any known potential contaminant sources (PCSs) located within 500 feet of the well? **NO**

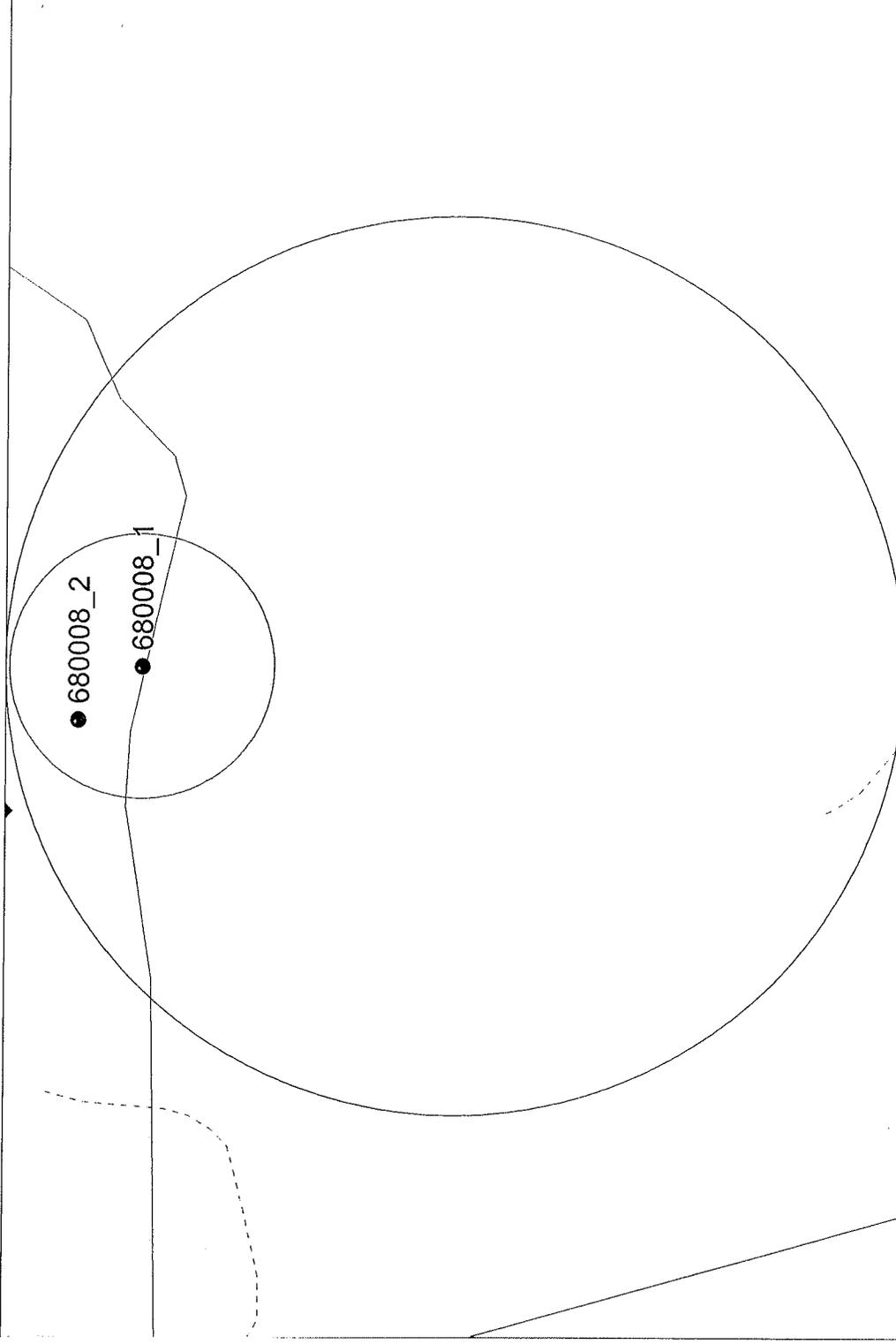
Final Susceptibility Assessment Ranking: **Moderate**

Map of Source Water Protection Area

This report generated: 6/12/2010 1:42:47 PM

Public Water Supply: 680008 Source: 1

	PWS Source
	Potential Contaminant Source
	USGS Wells
	UST
	AST
	Hazardous Waste
	LandFill
	Primary Roads
	Secondary Roads
	County Roads
	500 foot fixed radius
	SWPA
	Rivers
	Perennial Streams
	Intermittent Streams
	Counties



SCALE 1 : 7,366



You requested Water Supply #680008

Applicable PWS Reports: 680008_2.htm

[View Report](#)**PWS ID:680008 Source ID:2****PAYNE WATER ASSOCIATION , Tallahatchie County*****Final Susceptibility Assessment Ranking: Moderate***

OLWR Permit Number: MS-GW-15821	Well Number: L0097
Latitude 33° 56' 47.300"	Longitude 90° 3' 55.900"
Location: NE SE S15 T24N R02E	Elevation: 321
USGS Quadrangle: PAYNES	

Well Completion and Aquifer Data

Aquifer: Lower Wilcox		Aquifer Top: 1234	Aquifer Bottom: 1304	
Screen Top: 1234	Screen Base: 1304	Split: No	GW Flow Dir: 0	
Static Fluid Level: 165	Saturated: Yes	Completion Date: 7/18/2002		
Minimum Design: Yes	Pump Rate:300	Aquifer Confinement Class: Confined		
E-Log: No	E-Log #:	Drillers Log: Yes	Permit: Yes	Pot Map: Yes

Comments:

Confining Layers

Top Depth (ft)	Base Depth (ft)	Lithology
114	289	Clay
666	841	Clay
1075	1155	Shale

Risk Assessment

1. Have raw (untreated) samples from this well been found to contain

contaminants in concentrations that are equal to or exceed half of the EPA established maximum contaminant levels (MCLs) for drinking water standards. **NO**

2. Does this well withdraw water from a confined aquifer? **YES**

The aquifer being used is overlain with clay (shale) layers of sufficient thickness and lateral extent that it is afforded some degree of natural protection from potential contaminant sources located within the delineated protection area around the well.

3. Does this well meet all of the minimum design criteria established by the Mississippi State Department of Health in 1975? **YES**

4. Are there any known abandoned wells located in the SWPA of the well? **YES**

Local Well Name	Depth	Aquifer
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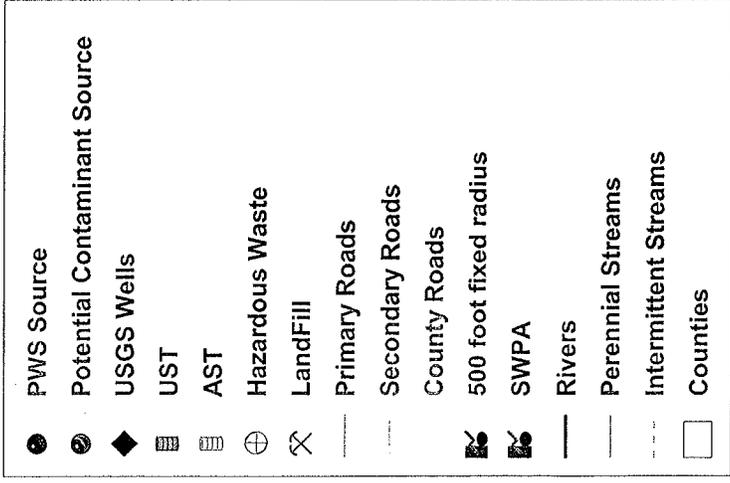
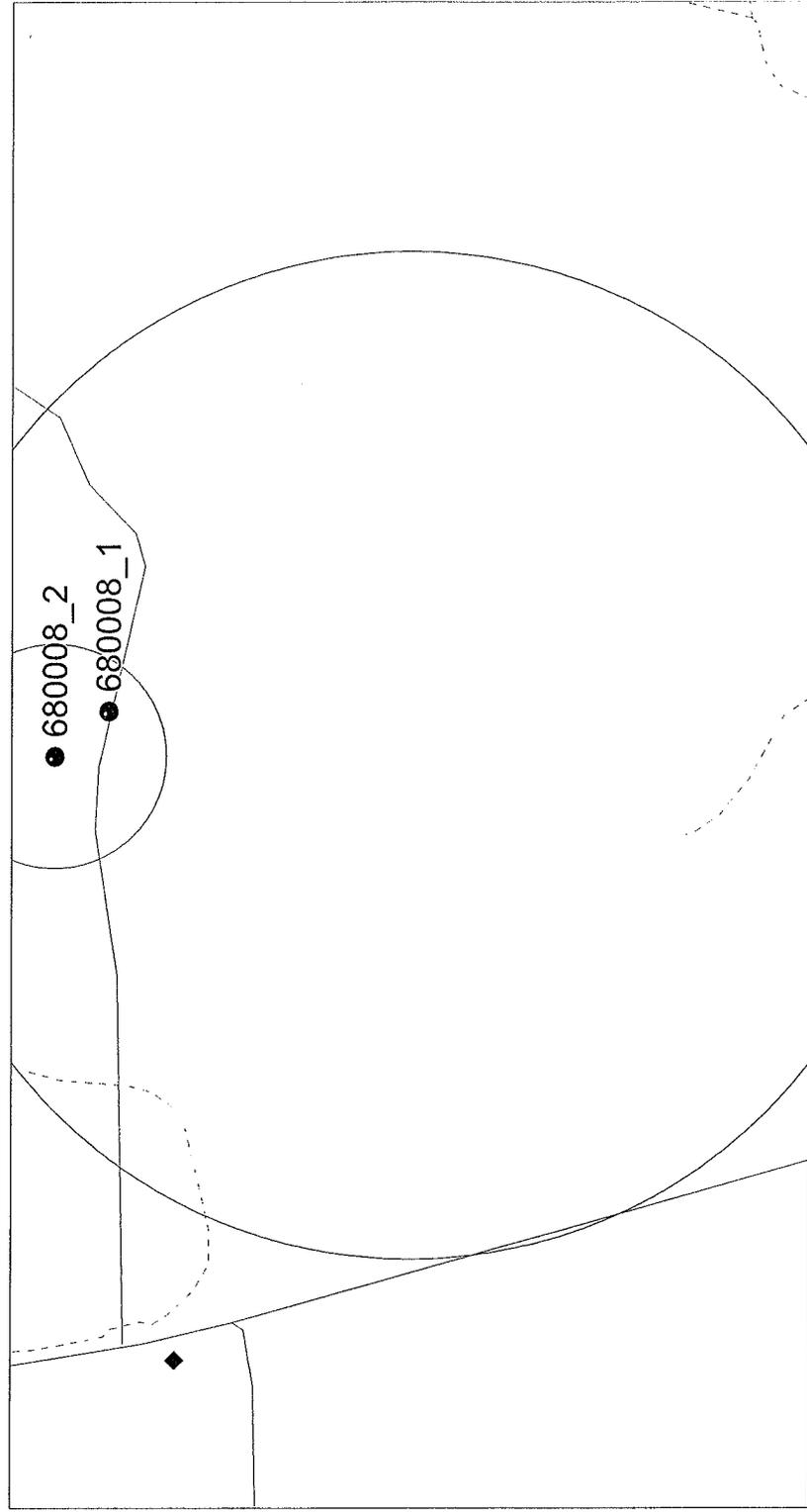
L005 PAYNES	1312	124WLCXL
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Final Susceptibility Assessment Ranking: **Moderate**

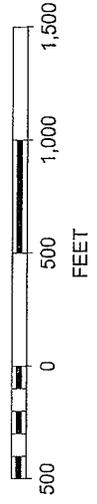
Map of Source Water Protection Area

This report generated: 6/12/2010 1:43:44 PM

Public Water Supply: 680008 Source: 2



SCALE 1 : 9,749



Affidavit (Proof) of Publication

The Sun-Sentinel

State of Mississippi, County of Tallahatchie, City of Charleston



Before me, John Robert Clayton McFerrin Jr., a Notary Public of said state, county and city, personally appeared Lucy Boyd, clerk of The Sun-Sentinel, who upon oath stated that the notice attached hereto was published in said newspaper for 1 consecutive weeks, on the dates listed below:

First Publication: June 24, 2010
Last Publication: June 24, 2010

In the following issues:

Vol. 87 No. 25 Dated June 24, 2010
Vol. No. Dated
Vol. No. Dated
Vol. No. Dated

Lucy M. Boyd
Lucy Boyd, Clerk

Sworn to and subscribed before me, this the 2nd day of July 2010.

John Robert Clayton McFerrin Jr.
John Robert Clayton McFerrin Jr., Notary Public



**2008/2009 Annual Drinking Water Quality Report
Paynes Water Association
PWS#: 680008 May 2010**

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source consists of one well that draws from the Tallahatta Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Paynes Water Association have received a moderate ranking in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Roy Shook at 662-647-2084. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 6:00 p.m. at the water tower.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2009. In cases where monitoring wasn't required in 2009, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity, microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - 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.

Maximum Contaminant Level Goal - 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.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

* Most recent sample results available.

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TEST RESULTS								
Contaminant	Within YN	Date of Lead	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG/AL	Unit	MCLG	MCL	Likely Source of Contamination
Volatile Organic Contaminants								
74. Toluene	N	2008*	.0005	No Range	ppm	1	1	Discharge from petroleum facilities
76. Xylenes	N	2008*	.00006	No Range	ppm	10	10	Discharge from petroleum facilities, discharge from chemical facilities
Disinfection By-Products								
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samples prior to the end of the compliance period.

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PAYNES WATER ASSOCIATION, INC.
 P.O. BOX 158
 CHARLESTON, MS 38921
 (662) 647-2199

RETURN SERVICE REQUESTED

FIRST CLASS PERMIT
 U.S. POSTAGE
 CHARLESTON, MS 38921
 PERMIT NO. 423

TYPE OF SERVICE	METER READINGS		USED	CHARGES
	PREVIOUS	PRESENT		
Water	246230	245420	810	16.50

PAYMENT		PAYMENT	
DATE	AMOUNT	DATE	AMOUNT
7/10/10	16.50		
		7/10/10	18.15

MAIL THIS STUB WITH YOUR PAYMENT

113 SHOOK ROAD

SERVICE FROM 5/25/2010 TO 6/17/2010		ACCOUNT 1		6/29/10	
DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
5/17	16.50	6/17	16.50	6/29	18.15

ALANNA BURNS
 152 FAIRVIEW ROAD
 CHARLESTON MS 38921

DEBRA G. GOODWIN C.P.A.'S OFFICE HOURS ARE
 MONDAY - THURSDAY FROM 8:30 AM TO 5:00 PM
 THE 2008 & 2009 CCR REPORT WILL BE IN
 THE SUN-SENTINEL JUNE 23, 2010- WILL NOT BE MAILED
 BUT WILL BE AVAILABLE AT DEBRA GOODWIN'S OFFICE.

PAYNES WATER ASSOCIATION, INC.
 P.O. BOX 158
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 (662) 647-2199

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TYPE OF SERVICE	METER READINGS		USED	CHARGES
	PREVIOUS	PRESENT		
Water	117730	117470	260	16.50

PAYMENT		PAYMENT	
DATE	AMOUNT	DATE	AMOUNT
7/10/10	16.50		
		7/10/10	18.15

MAIL THIS STUB WITH YOUR PAYMENT

152 FAIRVIEW ROAD

SERVICE FROM 5/25/2010 TO 6/17/2010		ACCOUNT 2		6/29/10	
DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
5/17	16.50	6/17	16.50	6/29	18.15

SYLIS PORTER
 413 SHOOK ROAD
 CASCILLA MS 38920

DEBRA G. GOODWIN C.P.A.'S OFFICE HOURS ARE
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 CHARLESTON, MS 38921
 PERMIT NO. 423

TYPE OF SERVICE	METER READINGS		USED	CHARGES
	PREVIOUS	PRESENT		
Water	704260	704220	40	16.50

PAYMENT		PAYMENT	
DATE	AMOUNT	DATE	AMOUNT
7/10/10	16.50		
		7/10/10	18.15

MAIL THIS STUB WITH YOUR PAYMENT

1000 N PARKSIDE

SERVICE FROM 5/25/2010 TO 6/17/2010		ACCOUNT 3		6/29/10	
DATE	AMOUNT	DATE	AMOUNT	DATE	AMOUNT
5/17	16.50	6/17	16.50	6/29	18.15

BILL MCHANN
 1000 N PARKSIDE
 BLUTHERVILLE AR 72315

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