

2013 JUN 13 AM 11:01

MISSISSIPPI STATE DEPARTMENT OF HEALTH
BUREAU OF PUBLIC WATER SUPPLY
CCR CERTIFICATION FORM
CALENDAR YEAR 2012

Town of Louise

Public Water Supply Name

270004 02-03

List PWS ID #s for all Community Water Systems included in this CCR

The Federal Safe Drinking Water Act (SDWA) 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 or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR. **Since this is the first year of electronic delivery, we request you mail or fax a hard copy of the CCR and Certification Form to MSDH. Please check all boxes that apply.**

- Customers were informed of availability of CCR by: (*Attach copy of publication, water bill or other*)
 - Advertisement in local paper (attach copy of advertisement)
 - On water bills (attach copy of bill)
 - Email message (MUST Email the message to the address below)
 - Other _____

Date(s) customers were informed: ____/____/____, ____/____/____, ____/____/____

CCR was distributed by U.S. Postal Service or other direct delivery. Must specify other direct delivery methods used _____

Date Mailed/Distributed: 6/28/2013

- CCR was distributed by Email (MUST Email MSDH a copy) Date Emailed: ____/____/____
 - As a URL (Provide URL _____)
 - As an attachment
 - As text within the body of the email message

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

Name of Newspaper: _____

Date Published: ____/____/____

CCR was posted in public places. (*Attach list of locations*) CITY HALL Date Posted: 4/29/2013

CCR was posted on a publicly accessible internet site at the following address (**DIRECT URL REQUIRED**): _____

CERTIFICATION

I hereby certify that the 2012 Consumer Confidence Report (CCR) has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. 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.

Ruff Smith, Jr. - Mayor
Name/Title (President, Mayor, Owner, etc.)

4.30.13
Date

Deliver or send via U.S. Postal Service:
Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

May be faxed to:
(601)576-7800

May be emailed to:
Melanie.Yankowski@msdh.state.ms.us

TOWN OF LOUISE 270004-02/03

Is my water safe?

We are pleased to present this year's Annual Water Quality Report (Consumer Confidence Report) as required by the Safe Drinking Water Act (SDWA). This report is designed to provide details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. This report is a snapshot of last year's water quality. We are committed to providing you with information because informed customers are our best allies.

Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

OUR WATER SOURCE IS A WELL LOCATED IN THE TOWN OF LOUISE ON MAIN STREET. OUR WATER IS DRAWN FROM THE AQUIFER, SPARTA SANDS.

Source water assessment and its availability

WE HAVE A WATER SOURCE ASSESSMENT PLAN AVAILABLE AT OUR OFFICE THAT PROVIDES MORE INFORMATION SUCH AS POTENTIAL SOURCES OF CONTAMINATION. WE ARE AT A MODERATE RISK FOR CONTAMINATION.

Why are there contaminants in my drinking water?

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting 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 stormwater 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 stormwater 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, urban stormwater runoff, and septic systems; and 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. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

YOU MAY ATTEND ANY OF OUR REGULARLY SCHEDULED MEETINGS. THEY ARE HELD ON THE FIRST TUESDAY OF EACH MONTH. YOU MAY CALL 662-836-5121 TO VERIFY DATE AND TIME OF THE MONTHLY MEETING.

Water Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit www.epa.gov/watersense for more information.

Other Information

TO COMPLY WITH THE "REGULATION GOVENRING FLOURIDATION OF COMMUNITY WATER SUPPLIES", TOWN OF LOUISE IS REQUIRED TO REPORT CERTAIN RESULTS PERTAINING TO FLOURIDATION OF OUR WATER SYSTEM. THE NUMBER OF MONTHS IN THE PREVIOUS CALENDAR YEAR IN WHICH AVERAGE FLOURIDE SAMPLES RESULTS WERE WITHIN THE OPTIMAL RANGE OF 0.7-1.3PPM WAS 3. THE PERCENTAGE OF FLOURIDE SAMPLES COLLECTED IN THE PREVIOUS CALENDER YEAR THAT WAS WITHIN THE OPTIMAL RANGE OF 0.7-1.3 PPM WAS 56%.

Monitoring and reporting of compliance data violations

A MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLINGIN ACCORDANCE WITH THE RADIONUCLIDES RULE, ALL COMMUNITY 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. THIS IS TO NOTIFY YOU THAT AS OF THIS DATE, YOUR WATER SYSTEM HAS COMPLETED THE MONITORING REQUIREMENTS AND IS NOW IN COMPLIANCE WITH THE RADIONUCLIDES RULE. IF YOU HAVE ANY QUESTIONS, PLEASE CALL KAREN WALTERS, DIRECTOR OF COMPLIANCE & ENFORCEMENT, BUREAU OF PUBLIC WATER, AT 601-576-7518.

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 service lines and home plumbing. TOWN OF LOUISE 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>.

Water Quality Data Table

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by public water systems. The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. Although many more contaminants were tested, only those substances listed below were found in your water. All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive, and in most cases, would not provide increased protection of public health. A few naturally occurring minerals may actually improve the taste of drinking water and have nutritional value at low levels. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions below the table.

Contaminants	MCLG	MCL,	Your	Range		Sample	Violation	Typical Source
	or	TT, or		Low	High			
	MRDLG	MRDL	Water					
Disinfectants & Disinfectant By-Products								
(There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants)								
Chlorine (as Cl2) (ppm)	4	4	2	1.0	2.5	2012	No	Water additive used to control microbes

Haloacetic Acids (HAA5) (ppb)	NA	60	23	NA		2011	No	By-product of drinking water chlorination
THMs [Total Trihalomethanes] (ppb)	NA	80	25	NA		2011	No	By-product of drinking water disinfection
Inorganic Contaminants								
Fluoride (ppm)	4	4	0.586	0.7	1.3	2012	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate [measured as Nitrogen] (ppm)	10	10	0.08	NA		2012	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite [measured as Nitrogen] (ppm)	1	1	0.02	NA		2012	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Barium (ppm)	2	2	0.00611	NA		2012	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Antimony (ppb)	6	6	0.0005	NA		2012	No	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition.
Arsenic (ppb)	0	10	0.0005	NA		2012	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Beryllium (ppb)	4	4	0.0005	NA		2012	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries
Cadmium (ppb)	5	5	0.0005	NA		2012	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Chromium (ppb)	100	100	0.0005	NA		2012	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cyanide [as Free Cn] (ppb)	200	200	0.015	NA		2012	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories
Mercury [Inorganic] (ppb)	2	2	0.0005	NA		2012	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Selenium (ppb)	50	50	0.0025	NA		2012	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Thallium (ppb)	0.5	2	0.0005	NA		2012	No	Discharge from electronics, glass, and Leaching from ore-processing sites; drug factories
Radioactive Contaminants								
Uranium (ug/L)	0	30	0.5	NA		2012	No	Erosion of natural deposits
Volatile Organic Contaminants								
1,2,4-Trichlorobenzene (ppb)	70	70	0.5	NA		2012	No	Discharge from textile-finishing factories
cis-1,2-Dichloroethylene (ppb)	70	70	0.5	NA		2012	No	Discharge from industrial chemical factories

Xylenes (ppm)	10	10	0.5	NA		2012	No	Discharge from petroleum factories; Discharge from chemical factories
Dichloromethane (ppb)	0	5	0.5	NA		2012	No	Discharge from pharmaceutical and chemical factories
o-Dichlorobenzene (ppb)	600	600	0.5	NA		2012	No	Discharge from industrial chemical factories
p-Dichlorobenzene (ppb)	75	75	0.5	NA		2012	No	Discharge from industrial chemical factories
Vinyl Chloride (ppb)	0	2	0.5	NA		2012	No	Leaching from PVC piping; Discharge from plastics factories
1,1-Dichloroethylene (ppb)	7	7	0.5	NA		2012	No	Discharge from industrial chemical factories
trans-1,2-Dichloroethylene (ppb)	100	100	0.5	NA		2012	No	Discharge from industrial chemical factories
1,2-Dichloroethane (ppb)	0	5	0.5	NA		2012	No	Discharge from industrial chemical factories
1,1,1-Trichloroethane (ppb)	200	200	0.5	NA		2012	No	Discharge from metal degreasing sites and other factories
Carbon Tetrachloride (ppb)	0	5	0.5	NA		2012	No	Discharge from chemical plants and other industrial activities
1,2-Dichloropropane (ppb)	0	5	0.5	NA		2012	No	Discharge from industrial chemical factories
1,1,2-Trichloroethane (ppb)	3	5	0.5	NA		2012	No	Discharge from industrial chemical factories
Tetrachloroethylene (ppb)	0	5	0.5	NA		2012	No	Discharge from factories and dry cleaners
Chlorobenzene (monochlorobenzene) (ppb)	100	100	0.5	NA		2012	No	Discharge from chemical and agricultural chemical factories
Benzene (ppb)	0	5	0.5	NA		2012	No	Discharge from factories; Leaching from gas storage tanks and landfills
Toluene (ppm)	1	1	0.5	NA		2012	No	Discharge from petroleum factories
Ethylbenzene (ppb)	700	700	0.5	NA		2012	No	Discharge from petroleum refineries
Styrene (ppb)	100	100	0.5	NA		2012	No	Discharge from rubber and plastic factories; Leaching from landfills
Trichloroethylene (ppb)	0	5	0.5	NA		2010	No	Discharge from metal degreasing sites and other factories
Contaminants	MCLG	AL	Your Water	Sample Date	# Samples Exceeding AL	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper - action level at consumer taps (ppm)	1.3	1.3	0.1	2011	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead - action level at consumer taps (ppb)	0	15	0.0001	2011	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	

Unit Descriptions	
Term	Definition
ug/L	ug/L : Number of micrograms of substance in one liter of water
ppm	ppm: parts per million, or milligrams per liter (mg/L)
ppb	ppb: parts per billion, or micrograms per liter (µg/L)
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.

Important Drinking Water Definitions	
Term	Definition
MCLG	MCLG: Maximum Contaminant Level Goal: 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.
MCL	MCL: Maximum Contaminant Level: 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.
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Variances and Exemptions	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.
MRDLG	MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
MRDL	MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level

For more information please contact:

Contact Name: CHESTER BRAMLETT
Address:
P. O. BOX 224
LOUISE, MS 39097, MS 39097
Phone: 662-836-5121
Fax: 662-836-3153

ACCOUNT NO. 010263500 SERVICE FROM 03/15 SERVICE TO 04/15

TOWN OF LOUISE
P.O. BOX 224
LOUISE, MS 39097
OFFICE: 662-836-5121 • FAX: 662-836-3153

PRESORTED
FIRST-CLASS
MAIL
U.S. POSTAGE
PAID
PERMIT NO. 1
LOUISE, MS

SERVICE ADDRESS
28 WEST ST.

METER READINGS		
CURRENT	PREVIOUS	USED
749	745	4

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	05/10/2013	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
46.80	4.68	51.48

CHARGE FOR SERVICES

WTR 26.00
 SWR 20.80
 NET DUE >>> 46.80
 SAVE THIS >> 4.68
 GROSS DUE >> 51.48

2012 CCR REPORT IS AVAILABLE FOR VIEWING AT CITY HALL.

RETURN SERVICE REQUESTED

010263500
JERRY GRIFFIN

P O BOX 29
LOUISE MS 39097

ACCOUNT NO. 010264000 SERVICE FROM 03/15 SERVICE TO 04/15

RETURN THIS STUB WITH PAYMENT TO:
TOWN OF LOUISE
P.O. BOX 224
LOUISE, MS 39097
OFFICE: 662-836-5121 • FAX: 662-836-3153

PRESORTED
FIRST-CLASS
MAIL
U.S. POSTAGE
PAID
PERMIT NO. 1
LOUISE, MS

SERVICE ADDRESS
319 COUNTY BARN RD.

METER READINGS		
CURRENT	PREVIOUS	USED
550	548	2

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	05/10/2013	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
36.00	3.60	39.60

CHARGE FOR SERVICES

WTR 20.00
 SWR 16.00
 NET DUE >>> 36.00
 SAVE THIS >> 3.60
 GROSS DUE >> 39.60

2012 CCR REPORT IS AVAILABLE FOR VIEWING AT CITY HALL.

RETURN SERVICE REQUESTED

010264000
HATTIE DENT

2352 PETER POOL RD
LOUISE MS 39097

ACCOUNT NO. 010265000 SERVICE FROM 03/15 SERVICE TO 04/15

RETURN THIS STUB WITH PAYMENT TO:
TOWN OF LOUISE
P.O. BOX 224
LOUISE, MS 39097
OFFICE: 662-836-5121 • FAX: 662-836-3153

PRESORTED
FIRST-CLASS
MAIL
U.S. POSTAGE
PAID
PERMIT NO. 1
LOUISE, MS

SERVICE ADDRESS
8 SANDY LANE

METER READINGS		
CURRENT	PREVIOUS	USED
681	672	9

PAY NET AMOUNT ON OR BEFORE DUE DATE	DUE DATE	PAY GROSS AMOUNT AFTER DUE DATE
	05/10/2013	
NET AMOUNT	SAVE THIS	GROSS AMOUNT
73.80	7.38	81.18

CHARGE FOR SERVICES

WTR 41.00
 SWR 32.80
 NET DUE >>> 73.80
 SAVE THIS >> 7.38
 GROSS DUE >> 81.18

2012 CCR REPORT IS AVAILABLE FOR VIEWING AT CITY HALL.

RETURN SERVICE REQUESTED

010265000
LUKE JACKSON

8 SANDY LANE
BOX 47
LOUISE MS 39097