BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

| Town | oF | Walnut | Grove | |
|-------------|--------|--------------|---------------|-------------|
| | Pul | olic Water S | upply Name | |
| | | 00011 | | |
| List PWS ID | #s for | all Water Sy | stems 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 Re | garding the Cons | umer Confidence Report |
|-----------------------------|--------------|------------------|------------------------|
|-----------------------------|--------------|------------------|------------------------|

| LJ | 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: 7/2/09 |
| | CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: |
| | Date Mailed/Distributed:// |
| 18 | CCR was published in local newspaper. (Attach copy of published CCR or proof of publication) |
| | Name of Newspaper: The Carthaginian |
| | Date Published:/_/ |
| | CCR was posted in public places. (Attach list of locations) |
| | Date Posted: / / |
| | CCR was posted on a publicly accessible internet site at the address: 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.

Name/Title (President, Mayor, Owner, etc.)

8-25-59 Date

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

**Satchel of bernaps the most famous of burnastorming baseball players on the field and behind the scenes, are featured in "Satchel" to Satchel of Satchel

Exploits of perhaps the most famous of barrest f

2008 Consumer Confidence Report

Do I need to take apecial precastions?

Some people may be more valuerable to contaminants in drinking water than the general population.

Jamenae-compression pleaness such as persons with cancer undergoing chemotherapy, persons who have undergoen cogant transplants, people with HIV/AIDS or other immune system disorders, some efebry, and infasts one be pertucularly at rist from infections. These people should make after about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate mean to leasen the rist of infaction by Cyptopoportions and other misroclaid contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?
Our water comes from three deep wells located in the Upper-Meridian Aquifer

water assessment and its nyallability ce water assessment has been consisted. For a copy of the report contact our office at 601-253-

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of most contaminants. The presence of contentionals does not noncessarily indicate that water poors a health content of the presence of contentional does not noncessarily indicate that water poors a health for the presence of contentional does not not contain the presence of contentional processarily indicate that water provides of contention the presence of contention that the presence of contention that the presence of contention that the presence of animals or from luman notivity:

and wells. As water travels over the surface of the lead or through the ground, it disorders naturally occurring unineast sart, in some cases, reladactive material, and can jet by upotamozer resulting from the presence of animals or from luman notivity:

crystoms, agricultural livestor by presence and water large that may come from two presence plants, explore a test and metals, which can be presented; and the metals, which can be presented on a variety of noncess such as agriculture, urban stormwater runoff, industrial, or donestic variety of noncess such as a negrotature, and not not come from per stations, truthen such such control industrial processes and periodemy prediction, and on side ocean from per stations, whose not productes of industrial processes and periodemy prediction, and one side ocean from per stations, whose not productes of industrial processes and periodemy predictions of the limit the sensors of creatin contaminants in water provided by public water systems. Food and Dray Administration (PDA) regulations establish limits for contentinates in bottled water which must provide the same protection for public beath).

How can I get involved?

Please join us for our monthly meetings on the first Tuesday of each month at City Hall on 139 Main St. Meetings start at 6:00 p.m.

Conservation Tips
Did you know that the average U.S. household uses approximately 350 galices of vaster per day? Luckilly, there are many low-cost or so-cost ways to conserve water. Water your lawn at the less taxony times of the day, 181 to life and factor leaks. Take about showers — 35 minutes shower uses 4 to 5 galices of water compared to up to 50 galices for 8 to Mr. Then the factor off while braziling your sects and sharing; 3-5 galices go down the deatin per minute. Yeach your kids about water conservation to creame a fature generation that uses water wisely. Make it a family effort to reduce next month's water bill!

In accordance with the radiomethicles Rade, all community public water angulies were required to sample quarterly for radiomethicles beginning laneary 2007 - December 2007. Your public water apply completed sampling by the scheduled doubline; however, during an audit of Mississippi State Department of Health Radiological Health Laboratory, the EPA responded analyses and reporting of radiological compliance samples and results used further notice.

Although this was not be result of instance by the public water supply, MSDHI was required to issue a violation. The Decreas of Public Water Supply is taking action to resolve this issue a quickly as possible if you have any operations please content Melissa Parker, Departy Director, Baress of Public Water Supply is taking action to resolve this size and enables are public to the property of Public Water Supply in the public water Supply State Su

Additional information for Lead if precess, elevated levels of lead can cause serious health problems, especially for pregnant wonce young children. Lead in drinking suter in primarily from materials and components associated with service lines and home planning. Town of Walant Grove is responsible for providing high quality or which we have been contented to weight of materials used in planning components. When drinking wester, but consect control the vestign of materials used in planning components. When the for 10 seconds to 2 minutes belong to using water for drinking or cooking. If you are concerned above lead in your water, you may with to have your water tendo. Information on lead in drinking water, to matched, and steam two can take to minimize exposure is available from the Self-Drinking Water; but tap sur 30 seconds to 2 snatutes before using water for drink lead in your water, you may wish to have your water tested. methods, and steps you can take to minimize exposure is an or at http://www.epa.gov/safewater/lead.

Water Quality Data Table

The table below lists all of the drisking water contaminants that we detected during the calendar year of this report. The presence of contaminants is the water does not necessarily indicate that the water poses a bealth intit. Unless otherwise noted, the date presented in this abile is from setting does in the calendary year of the report. The EPA or the State requires us to monitor for cortain contaminates has then once par year becomes the concentrations of these contaminants do not a channel formership.

| Continuous 1 Continuous 1 Continuous 1 Continuous 1 Continuous 1 Continuo (pph) Continuo | 500 500 | 6 10 2 3 4 4 5 5 100 100 100 100 100 100 100 100 100 | 85 65 0.003 0.11 0.12 0.12 0.12 0.003 0.00 | 63 63 63 63 63 64 602 603 603 603 603 603 603 603 603 603 603 | 0.3005 0.3005 0.11 0.11 0.12 0.001 0.002 | 2006 2006 2006 2006 2006 2006 2006 2006 | Yielden | Trained Senent Discharge from periodicum refluencie, consecutive, con |
|--|------------|--|--|---|---|--|--|--|
| horografic Commissions Antimory (spin) Antimory (spin) Antimory (spin) Antimory (spin) Charles (spin) Cha | 0 | 6 10 2 2 4 4 5 5 100 100 100 100 100 100 100 100 100 | 6.5 6.3 6.005 6.1 6.1 6.1 6.2 6.09 6.09 | 6.5 6.3 6.3 6.3 6.4 6.2 6.64 | 0.5 0.005 0.1 0.1 0.1 0.0 0.0 0.0 0.0 | 2006 2006 2006 2006 2006 2006 2006 2006 | No N | Discharge from petroleum sedimente, files returniture sedimente, files returniture sedimente, coloris, resolucion, coloris, coloris, coloris, coloris, coloris, coloris, coloris, files de la colorista del colorist |
| Amenic (pph) Scryllines (pph) | 500 500 | 100 2 4 100 200 4 10 | 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 | 6.5 6.3 6.3 6.3 6.4 6.2 6.64 | 0.5 0.005 0.1 0.1 0.1 0.0 0.0 0.0 0.0 | 2006 2006 2006 2006 2006 2006 2006 | No N | ordensicing for restrictions of control and control an |
| Services (pps) Services (pph) | 0 | 2 3 100 200 4 | 0.1005 0.1 0.1 0.15 0.19 | 0.1 0.1 0.1 0.14 0.2 0.02 | 0.005 0.1 0.1 0.1 0.1 0.0 0.0 0.0 0.0 | 2006 2006 2006 2006 2006 2006 2006 | No No No No No No No | The adultion. The Processor of Samuel Augustions from the Control of Samuel Augustions from global and the Control of Samuel Augustions and the Control of Samuel Augustions and the Control of Samuel Augustions for the Samuel Augustion of Samuel and Control of Samuel and Education of Samuel Augustion of Samuel and Samuel and Education Samuel |
| beryllium (pph) Amanium (pph) It was been been been been been been been bee | 0 | 100 200 4 | 0.1 0.1 0.15 0.15 0.00 | 6.1 6.5 5 0.14 8.2 6.02 | 0.1 0.1 0.1 5 0.18 | 2006 2006 2006 2006 2006 2006 | No No No No No | Dickenge from and the Charles of Milliage Means and the Charles of Branch of |
| Scrytism (pph) Chromism (pph) Chromism (pph) Chromism (pph) Chromism (pph) It Chromism (pph) Chr | 0 | 200 200 4 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0.11 8.3 5 0.18 0.2 0.00 | 0.1 0.14 0.02 | 0.11 0.15 0.15 0.00 | 2906 2906 2906 2906 2906 | No No No No | Deciding from mind triflection and coal burning triflection and coal burning triflections. Discharge from checklick, prospect, and processing the prospect processing the proposal price. Torologic chemical price. Torologic chemical price. Torologic chemical price. Torologic chemical price. Torologic chemical processing the processing triflection control processing the processing th |
| Jackson (pph) 11 Jackson (pph) 12 Jackson (pph) 13 Jackson (pph) 14 Jackson (pph) 15 Jackson (pph) 16 Jackson (pph) 16 Jackson (pph) 16 Jackson (pph) 16 Jackson (pph) 17 Jackson (pph | 0 | 200 200 4 10 10 10 10 10 10 10 10 10 10 10 10 10 | 0.11 8.3 5 0.18 0.2 0.00 | 0.1 0.14 0.02 | 0.11 0.15 0.15 0.00 | 2906 2906 2906 2906 2906 | No No No No | checkenic sevenyous, and of checkenic sevenyous control plane plan |
| Chromises (pph) 11 Cynobic [as Fron Ch] 20 (pph) 20 Records (ppm) 6 Records (ppm) 7 Records (ppm) 7 Records (ppm) 8 Records (ppm) 9 Re | 0 | 100 200 4 2 10 | 0.13 0.13 0.2 0.02 | 0,5 3 0,14 0.2 0.02 | 9.2 9.2 9.62 | 2006 2006 2006 2006 | No No No | piper, Eroches of antenda piper, Eroches of antenda piper, Eroches of antenda piper, or the piper of the pipe |
| yearbia jas Proc Cisj 20 pielo jas Proc Cisj 20 decoda (gens) decoupy [houseasid] | 0 | 200 | 9.2 0.08 | 0.14 0.2 0.02 | 9.18 9.2 9.02 | 2506 2506 2506 2506 | No No No | Discharge from seed and pain milks; Devoice of eatherst deposites milks; Devoice of eatherst deposites Discharge from plantic and Discharge from plantic and Foreign of anticology of Foreign of the pain Powder of marked disposits; Water additive which promotes strong techn; Discharge from furtilister and Powder of satured disposits; Discharge from furtilister of Economic statement disposits; Discharge from furtilister on landfills; Examed' from com- landfills; Examed' from crophard Rusself from furtilister uses Learning from print teach, severage; Direction of national |
| Alexandri (pen) Alexandri (harquinic) Jipho Alexandri (harquinic) Jipho Alexandri (harquinic) Jinine (pensament in Alexandri (pen) Schalmin (pph) Salaminin (pph) Salaminin (pph) Alexandri (pph) | 0 | 16 | 0.13 0.2 0.00 | 6.14 6.2 6.08 | 0.18 0.2 0.02 | 2006 2006 2008 | No No | Discharge from plastic and printing and printing from plastic and printing from steel sector factories. Breaking from steel sector of steel sectories; Record from sector of steel sector of s |
| Honory [Inequals] phy phy | | 10 | 0.02 0.02 | 6.02 6.02 | 0.02 0.02 | 2006 | No No | Eroukon of material deposits, which promotes arong techt, personnes arong techt, personnes arong techt, personnes factories and shantlenn factories. Erosion of natural deposits. Erosion of natural deposits and factories, hancel from leastfully, hancel from sendilly, hancel from sendilly thanks of from services are coupled from services arong from septio tanks, saving; Erosion of natural deposits. Basself from fertilizers use. |
| forms [conserved as before paid (press) forms [conserved paid (press) forms [conse | 5 | 10 3 | 0.03 | 6.02 | 0.02 0.02 | 2006 | No | Erosion of natural deposits; Discharge from refueries are facturing, Renoff from roughted Rossoff from fertilizer ase; Lossoff from fertilizer ase; Lossoff from fertilizer ase; Lossoff from fertilizer ase; Lossoff from fertilizer ase; Bassoff from fertilizer ase; Bassoff from fertilizer ase; |
| Gregori (que) Gregori (que) Gregori (que) Gregori (que) Salama (que) S | | 50 | 0.02 | 0.02 | 9.62 | | | Rosoff from Sertilizer use; Leaching from septic tanks, sownge; Erosion of natural deposits Rosoff from Sertilizer use: |
| Groups (sym) Schalam (syh) Salamanan Tadism (syh) G. Salamanan D. Salamana | • | 50 | | | | 2008 | No | Remot fines fertilizer was: |
| Contambinants In Contambinants | | | 0.5 | 64 | | | | deposits |
| Contambigate Recognite Contambigate Report action level at ground and action level at consumer type (pph) and action level at consumer type (pph) bit Descriptions COL | 5 | | | | 0.5 | 2006 | No | Discharge from petroleum and metal refineries; Erosion of netural deposits; Discharge from mines |
| nerganic Contembounts typper - action level at opport - action level at ocau action level at ocauser type (pph) late Descriptions SSE | | 2 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from electronics, glass, and Leaching from ove- processing sites; drug, factories |
| Copper - action level at consumer tape (1994) .cad - action level at consumer tape (1994) Salt Descriptions Corm | CL6 | AL. | Year Winter | Second Ziela | En | Ampio milita Al- | Eremb AL | Traini Source |
| onsumer laps (spon) end - action level at consumer tops (sph) lati Descriptions | 1.3 | 1.3 | 62 | 2006 | | | No. | Corrotion of household |
| nazumoce topa (pph) uiti Denerlpifona | | | | | | - | | phanting systems; Prosion or natural deposits |
| · | B | 15 | 3 | 2006 | | 0 | No | Committee of homehold planting systems; Erosion or natural deposits |
| | _ | | | | | | | |
| <u> </u> | | Patient | | | | | | · · · · · · · · · · · · · · · · · · · |
| Α | | ppk ppt | n per billi | 0, 07 min | | per liker (page | 4.) | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | NA: not | applicable | | | par liber (mg par liber (pg | | |
| D R | | | detected mitering my | | | | | |
| | | 1 /400 1000 | | | | | | |
| operious Drinking Water De | | | | | | | | |
| ITEL | | Printi MCLG: below w | Mediana Mich Son | Contration is no lense | ent Lor | d Coult The rected right is | level of a co | atomisms in drinking water LGs allow for a mergin of |
| ia. | | MCL: M | | estania. | | | | naturalisms that is allowed in It using the best available |
| π v | | TT: Tes | steem Tex og water. og Level: | miner: A | | | | ace the level of a contaminant |
| L 'erlances and Exemptions | | | on Level: | The conce to which options: I take cond | - | أعسب ججاري | follow. | If exceeded, biggers breakened not so MCL or a breakened |
| ARDLG | | technic | | | | | | |

400011

2008 Consumer Confidence Report

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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 comes from three deep wells located in the Upper-Meridian Aquifer

Source water assessment and its availability

Our source water assessment has been comleted. For a copy of the report contact our office at 601-253-2321

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?

Please join us for our monthly meetings on the first Tuesday of each month at City Hall on 139 Main St. Meetings start at 6:00 p.m.

Conservation Tips

Did you know that the average U.S. household uses approximately 350 gallons of water per day? Luckily, there are many low-cost or no-cost ways to conserve water. Water your lawn at the least sunny times of the day. Fix toilet and faucet leaks. Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath. Turn the faucet off while brushing your teeth and shaving; 3-5 gallons go down the drain per minute. 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!

Monitoring and reporting of compliance data violations

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 Mississippi State Department of Health Radiological Health Laboratory, the 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

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 Walnut Grove 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

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. 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 change frequently.

| | MCLG or | MCL, TT, or | Your | Ra | ınge | Sample | | |
|------------------------|--------------|----------------|-------|-----|-------------|-------------|------------------|---|
| Contaminants | <u>MRDLG</u> | <u>MRDL</u> | Water | Low | <u>High</u> | <u>Date</u> | <u>Violation</u> | Typical Source |
| Inorganic Contaminants | | | | | | | | |
| Antimony (ppb) | 6 | 6 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition. |
| Arsenic (ppb) | 0 | 10 | 0.5 | 0.5 | 0.5 | 2006 | No | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes |
| Barium (ppm) | 2 | 2 | 0.005 | 0 | 0.005 | 2006 | No | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits |

| • • • • • • • • • • • • • • • • • • • | | | | | | | | |
|--|------|-----------|----------------------|-----------------------|------|----------------------|-------------------|---|
| Beryllium (ppb) | 4 | 4 | 0.1 | 0.1 | 0.1 | 2006 | No | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries |
| Cadmium (ppb) | 5 | 5 | 0.1 | 0.1 | 0.1 | 2006 | No | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints |
| Chromium (ppb) | 100 | 100 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from steel and pulp mills; Erosion of natural deposits |
| Cyanide [as Free Cn] (ppb) | 200 | 200 | 5 | 5 | 5 | 2006 | No | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories |
| Fluoride (ppm) | 4 | 4 | 0.18 | 0.14 | 0.18 | 2006 | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| Mercury [Inorganic] (ppb) | 2 | 2 | 0.2 | 0.2 | 0.2 | 2006 | No | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland |
| Nitrate [measured as Nitrogen] (ppm) | 10 | 10 | 0.08 | 0.08 | 0.08 | 2008 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Nitrite [measured as Nitrogen] (ppm) | 1 | 1 | 0.02 | 0.02 | 0.02 | 2008 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Selenium (ppb) | 50 | 50 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines |
| Thallium (ppb) | 0.5 | 2 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from electronics, glass, and Leaching from ore- processing sites; drug factories |
| Contaminants | MCLG | <u>AL</u> | Your <u>Water</u> | Sample <u>Date</u> | | Samples eeding AL | Exceeds <u>AL</u> | Typical Source |
| Inorganic Contaminants | | | | | | | | Эт ули начид немакти больший как институт от начина на постоя на село на село на село на село на село на село н |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | 0.2 | 2008 | | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Lead - action level at consumer taps (ppb) | 0 | 15 | 3 | 2008 | | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |

Unit Descriptions

| <u>Term</u> | <u>Definition</u> |
|-------------|--|
| 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. |

.

•

2008 Consumer Confidence Report

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

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 comes from three deep wells located in the Upper-Meridian Aquifer

Source water assessment and its availability

Our source water assessment has been comleted. For a copy of the report contact our office at 601-253-2321

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?

Please join us for our monthly meetings on the first Tuesday of each month at City Hall on 139 Main St. Meetings start at 6:00 p.m.

Conservation Tips

Did you know that the average U.S. household uses approximately 350 gallons of water per day? Luckily, there are many low-cost or no-cost ways to conserve water. Water your lawn at the least sunny times of the day. Fix toilet and faucet leaks. Take short showers - a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath. Turn the faucet off while brushing your teeth and shaving; 3-5 gallons go down the drain per minute. 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!

Monitoring and reporting of compliance data violations

****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 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

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 Walnut Grove 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

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. 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 change frequently.

| Contaminants | MCLG or <u>MRDLG</u> | MCL, TT, or <u>MRDL</u> | Your <u>Water</u> | Ra <u>Low</u> | nge <u>High</u> | Sample <u>Date</u> | <u>Violation</u> | Typical Source |
|---------------------------|----------------------------|-------------------------------|----------------------|------------------|--------------------|-----------------------|------------------|------------------------------|
| Disinfectants & Disinfe | ction By-Pro | ducts | | | | | | |
| (There is convincing evid | dence that add | lition of a d | isinfectant | is necess | ary for co | ontrol of mi | crobial conta | minants.) |
| Chlorine (as Cl2) (ppm) | 4 | 4 | 1.7 | 0.4 | 1.7 | 2008 | No | Water additive used microbes |

Inorganic Contaminants

| 1 | | | | | | | | |
|---|-----|-----|-------|------|-------|------|----|---|
| Antimony (ppb) | 6 | 6 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder; test addition. |
| Arsenic (ppb) | 0 | 10 | 0,5 | 0.5 | 0.5 | 2006 | No | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes |
| Barium (ppm) | 2 | 2 | 0.005 | 0 | 0.005 | 2006 | No | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits |
| Beryllium (ppb) | 4 | 4 | 0.1 | 0.1 | 0.1 | 2006 | No | Discharge from metal refineries and coal-burning factories; Discharge from electrical, aerospace, and defense industries |
| Cadmium (ppb) | 5 | 5 | 0.1 | 0.1 | 0.1 | 2006 | No | Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints |
| Chromium (ppb) | 100 | 100 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from steel and pulp mills; Erosion of natural deposits |
| Cyanide [as Free Cn] (ppb) | 200 | 200 | 5 | 5 | 5 | 2006 | No | Discharge from plastic and fertilizer factories; Discharge from steel/metal factories |
| Fluoride (ppm) | 4 | 4 | 0.18 | 0.14 | 0.18 | 2006 | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| Mercury [Inorganic] (ppb) | 2 | 2 | 0.2 | 0.2 | 0.2 | 2006 | No | Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland |
| Nitrate [measured as Nitrogen] (ppm) | 10 | 10 | 80.0 | 80,0 | 0.08 | 2008 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Nitrite [measured as Nitrogen] (ppm) | 1 | 1 | 0.02 | 0.02 | 0.02 | 2008 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Selenium (ppb) | 50 | 50 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines |
| Thallium (ppb) | 0.5 | 2 | 0.5 | 0.5 | 0.5 | 2006 | No | Discharge from electronics, glass, and Leaching from ore- processing sites; drug factories |

Your Sample # Samples Exceeds

| Contaminants ' | MCLG | <u>AL</u> | Water | <u>Date</u> | Exceeding AL | <u>AL</u> | Typical Source |
|--|-------------|-----------|-------|-------------|--------------|-----------|--|
| Inorganic Contaminants | | | | | | | |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | 0.2 | 2008 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Lead - action level at consumer taps (ppb) | 0 | 15 | 3 | 2008 | 0 | No | Corrosion of household plumbing systems; Erosion of natural deposits |

•

| Unit Descriptions | | | | | | |
|-------------------|--|--|--|--|--|--|
| <u>Term</u> | <u>Definition</u> | | | | | |
| 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 | | | | | | |
|--------------------------------------|---|--|--|--|--|--|
| <u>Term</u> | <u>Definition</u> | | | | | |
| 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:

Brent King Address: 139 Main St Walnut Grove, MS 39189 601-253-2321 601-253-2385

2008 CCR Contact Information

| Date:_ | 7/1/09 | Time: 11:21 | |
|---|--|-----------------------------------|------|
| PWSID | :400011 | | |
| System | Name: 1044 0 | & Walnut Kooce | |
| L | .ead/Copper Language | MSDH Message re: Radiological Lab | |
| | MRDL Violation | Chlorine Residual (MRDL) RAA | |
| | Other Violation(s) _ | | |
| Will correct report & mail copy marked "corrected copy" to MSDH. | | | |
| Will notify customers of availability of corrected report on next monthly bill. | | | |
| of a | <u>Vailable Correct</u> Send us a 0 | ted teport on the water bill | |
| | | | |
| | | | |
| | | | |
| Spoke wi | | King 601 832-0895 | |
| | (Operator, Owner, Sec | 601 253-2385 | Fax# |