

2018 APR 25 PM 3:45

## 2017 CERTIFICATION

### Consumer Confidence Report (CCR)

Ellisville State School

Public Water System Name

0340002 & 0340032

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 (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, 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. You must email, fax (but not preferred) or mail, a copy of the CCR and Certification to the 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 *(Email the message to the address below)*
- Other Hand delivered or posted on bulletin boards.

Date(s) customers were informed: 4 / 20 / 2018      4 / 23 / 2018      4 / 24 / 2018

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

Date Mailed/Distributed:     /    /    

CCR was distributed by Email *(Email MSDH a copy)*

Date Emailed: 4 / 24 / 2018

- As a URL \_\_\_\_\_ *(Provide Direct 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)*

Date Posted: 4 / 20 / 2018

CCR was posted on a publicly accessible internet site at the following address:

\_\_\_\_\_ *(Provide Direct URL)*

#### CERTIFICATION

I hereby certify that the 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 PWS officials by the Mississippi State Department of Health, Bureau of Public Water Supply

Travis McSwain - Director  
(Name/Title (President, Mayor, Owner, etc.))

4-24-2018

Date

#### Submission options *(Select one method ONLY)*

**Mail:** (U.S. Postal Service)  
MSDH, Bureau of Public Water Supply  
P.O. Box 1700  
Jackson, MS 39215

**Email:** [water.reports@msdh.ms.gov](mailto:water.reports@msdh.ms.gov)

**Fax:** (601) 576 - 7800

**\*\*Not a preferred method due to poor clarity\*\***

**CCR Deadline to MSDH & Customers by July 1, 2018!**



### Inorganic Contaminants

|              |   |         |       |          |     |     |        |   |
|--------------|---|---------|-------|----------|-----|-----|--------|---|
| 10. Barium   | N | 2015*   | .0046 | No Range | ppm | 2   | 2      | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits                                |
| 14. Copper   | N | 2015/17 | .2    | 0        | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives                    |
| 16. Fluoride | N | 2015*   | 2.59  | No Range | ppm | 4   | 4      | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead     | N | 2015/17 | 2     | 0        | ppb | 0   | AL=15  | Corrosion of household plumbing systems, erosion of natural deposits  |

### Disinfection By-Products

|                                  |   |       |      |          |     |   |          |  |
|----------------------------------|---|-------|------|----------|-----|---|----------|--|
| 81. HAA5                         | N | 2015* | 13   | No Range | ppb | 0 | 60       | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2015* | 12.9 | No Range | ppb | 0 | 80       | By-product of drinking water chlorination. |
| Chlorine                         | N | 2017  | 1.3  | .91 - 2  | ppm | 0 | MRDL = 4 | Water additive used to control microbes    |

**PWS ID# 340032**

### TEST RESULTS

| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL/MRDL | Unit Measure -ment | MCLG | MCL | Likely Source of Contamination |
|-------------|---------------|----------------|----------------|---|--------------------|------|-----|--------------------------------|
|-------------|---------------|----------------|----------------|---|--------------------|------|-----|--------------------------------|

### Inorganic Contaminants

|              |   |         |       |          |     |     |        |   |
|--------------|---|---------|-------|----------|-----|-----|--------|---|
| 10. Barium   | N | 2015*   | .0058 | No Range | ppm | 2   | 2      | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits                                |
| 13. Chromium | N | 2015*   | 2.4   | No Range | ppb | 100 | 100    | Discharge from steel and pulp mills; erosion of natural deposits  |
| 14. Copper   | N | 2015/17 | .2    | 0        | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives                    |
| 16. Fluoride | N | 2015*   | 1.81  | No Range | ppm | 4   | 4      | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| 17. Lead     | N | 2015/17 | 5     | 0        | ppb | 0   | AL=15  | Corrosion of household plumbing systems, erosion of natural deposits  |

### Volatile Organic Contaminants

|             |   |      |      |          |     |    |    |   |
|-------------|---|------|------|----------|-----|----|----|---|
| 76. Xylenes | N | 2017 | .001 | No Range | ppm | 10 | 10 | Discharge from petroleum factories; discharge from chemical factories |
|-------------|---|------|------|----------|-----|----|----|---|

### Disinfection By-Products

|                                  |   |       |       |          |     |   |          |  |
|----------------------------------|---|-------|-------|----------|-----|---|----------|--|
| 81. HAA5                         | N | 2015* | 12    | No Range | ppb | 0 | 60       | By-Product of drinking water disinfection. |
| 82. TTHM [Total trihalomethanes] | N | 2015* | 11.03 | No Range | ppb | 0 | 80       | By-product of drinking water chlorination. |
| Chlorine                         | N | 2017  | 1.2   | .74- 1.5 | ppm | 0 | MRDL = 4 | Water additive used to control microbes    |

*\* Most recent sample. No sample required for 2017.*

*\*\* Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.3 mg/l.*

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants 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 contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. 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. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Ellisville State School #340002 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride samples results were within the optimal range of 0.6 – 1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 -1.3 ppm was 100%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the Ellisville State School #340032 is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride samples results were within the optimal range of 0.6 – 1.3 ppm was 11. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6 -1.3 ppm was 100%.

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.

The Ellisville State School 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.

ANNUAL DRINKING WATER QUALITY REPORT  
 APRIL 2018  
 VERIFICATION OF RECEIPT

| BUILDING #/NAME                    | DATE      | SIGNATURE       |
|------------------------------------|-----------|-----------------|
| #1 Admin. 1                        | 4/24/2018 | Amber Young     |
| #3 Laundry                         | 4-24-18   | Eng. Halford    |
| #4 Recreation/Units                | 4/23/18   | Janet Jarnell   |
| #7 Dietary Storage                 | 4-24-18   | Debra Hunter    |
| #13 Medical Seviles                | 4/20/18   | Debra Hunter    |
| #14 Grounds Maintenance            | 4-23-18   | Eng. Halford    |
| #20 Recreation Warehouse           | 4-23-18   | Edith Ketchum   |
| #38 Circle Dr./Swan Lake/oak Ridge | 4-23-18   | Eng. Halford    |
| #39 Adult Activity Center          | 4/23/18   | Phonk'ia        |
| #40 Chapel Hill/Lone Oak           | 4-23-18   | Ladd Swerley    |
| #41 Administration 2               | 4-23-18   | Eng. Halford    |
| #42 Woodvillage                    | 4-20-18   | Shunda Evans    |
| #43 MIDD/OU                        | 4-20-18   | Angela White    |
| #44 Pavilion Workshop              | 4-20-18   | Mark Gounley    |
| #45 Park View                      | 4-20-18   | Daral Boyly     |
| #46 Holly Village                  | 4/23-18   | Dee Paul        |
| #48 Main Street                    | 4-23-18   | Janet Jarnell   |
| #49 Meadow Manor                   | 4/23/18   | R. Boyd         |
| #50 Magnolia/Swinging 60's         | 4/23/18   | Amber Young     |
| #51 Green Acers/Pioneer            | 4/20/18   | Eng. Halford    |
| #52 Lakeview/Paul D. Cotton        | 4-20-18   | Joona P. M. Lio |
| #53 C mmunity Programs             | 4-23-18   | Sheila Atwood   |
| #60 Hud's Place                    | 4-23-18   | Linda Pickering |
| #64 Apartment 3                    | 4-23-18   | Michelle Gray   |
| #65 Apartment 4                    | 4-23-18   | Eng. Halford    |
| #66 Apartment 5                    | 4-23-18   | William J. King |
| #73 Dirctor's Home                 | 4-24-2018 | Renee McSwan    |



