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MISSISSIPPI STATE DEPARTMENT OF HEALTH

2020 CERTIFICATION

Consumer Confidence Report (CCR)

North Hinds Water Assn 0250011-15-29-94

Public Water System Name

0250011 | 0250015 | 0250029 | 0250094

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.

CCR DISTRIBUTION *(Check all boxes that apply.)*

INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ 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 _____	
DIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)*	**DATE ISSUED**
☐ Distributed via U. S. Postal Mail	
☐ Distributed via E-Mail as a URL *(Provide Direct URL)*: _____	
☐ Distributed via E-Mail as an attachment	
☐ Distributed via E-Mail as text within the body of email message	
☐ Published in local newspaper (attach copy of published CCR or proof of publication)	
☐ Posted in public places (attach list of locations)	
☒ Posted online at the following address *(Provide Direct URL)*: https://msrw2.org/2020ccr/NorthHinds.pdf	5/27/21

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 MSDH, Bureau of Public Water Supply. Doug Barker

Doug Barker — Name

Operator — Title

5/30/21 — Date

SUBMISSION OPTIONS *(Select one method ONLY)*

You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.

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

Email: water.reports@msdh.ms.gov

Fax: (601) 576-7800 (NOT PREFERRED)

CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021

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2021 MAY 28 AM 10: 24

2020 Annual Drinking Water Quality Report
North Hinds Water Association
PWS#: 0250011, 0250015, 0250029, 0250094
May 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality 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.

If you have any questions about this report or concerning your water utility, please contact Doug Barker at 601.981.1657. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday in January, March, May, July, September & November at 5:00 PM at the North Hinds Water Association Office.

Our water source is from wells drawing from the Cockfield 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 our system have received moderate susceptibility rankings to contamination.

We routinely monitor for contaminants 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, 2020. In cases where monitoring wasn't required in 2020, 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 contaminants. It's important to remember that the presence of these contaminants 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.

Maximum Contaminant Level (MCL) - 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 (MCLG) - 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.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

PWSID# 0250011 (Limekiln) TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2018*	.0055	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural

								deposits; leaching from wood preservatives
16. Fluoride	N	2018*	.363	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	170000	130000 - 170000	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products

81. HAA5	N	2020	27	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	78	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	.5	.4 – .6	mg/l	0	MDRL = 4	Water additive used to control microbes

PWSID# 0250015 (Brownsville) TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2020	.0066	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020	3.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2016/18*	.5	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020	.199	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2016/18*	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	160000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2020	23	10 - 34	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	63	24 - 87	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	.6	.3 – 1.1	mg/l	0	MDRL = 4	Water additive used to control microbes
Unregulated Contaminants								
Bromide	N	2020	170	160 - 170	UG/L			Naturally-occurring element found in the earth's crust and at low concentrations in seawater, and in some surface and ground water; cobaltous chloride was formerly used in medicines and as a germicide
Manganese	N	2020	15	7.1 - 15	UG/L			Naturally-occurring element; commercially available in combination with other elements and minerals; used in steel production, fertilizer, batteries and fireworks; drinking water and wastewater treatment chemicals; essential nutrient

HAA5	N	2020	17.16	5.24 – 17.16	UG/L			
HAA6BR	N	2020	22.76	12.6 – 22.76	UG/L			
HAA9	N	2020	34.46	15.34 – 34.46	UG/L			
Total Organic Carbon	N	2020	1400	1100 - 1400	UG/L			Comes from decaying natural organic matter

PWSID# 0250029 (Chapel Hill) TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2018*	.0033	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018*	.25	.242 - .25	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	140000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2020	55	16 - 44	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	89	42.1 - 85	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	.6	.4 – .7	mg/l	0	MDRL = 4	Water additive used to control microbes

PWSID# 0250094 (Shepherds Hill) TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure-ment	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants								
10. Barium	N	2018*	.0054	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2018/20	.2	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2018*	.343	.242 - .25	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	160000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.

Disinfection By-Products								
81. HAA5	N	2020	22	13 - 23	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	69	37 - 97	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2020	.6	.4 – .6	mg/l	0	MDRL = 4	Water additive used to control microbes

** Most recent sample. No sample required for 2020.*

Disinfection By-Products:

(81) Haloacetic Acids (HAA5). Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of cancer

(82) Total Trihalomethanes (TTHMs). Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

Our system #0250029 – Chapel Hill system exceeded the MCL for the Disinfection Byproducts in 2020. The standard for Trihalomethanes (TTHM) is .080 mg/l. We are working to resolve the problem.

As you can see by the table, our system had no contaminant 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.

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0250011, 0250015 & 0250029 are 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 sample results were within the optimal range of 0.6-1.2 ppm was 0. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 0%.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system #0250094 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 sample results were within the optimal range of 0.6-1.2 ppm was 0. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 20%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The North Hinds 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.

CCR & URL

From: Cecilia Garris (cgarris@msrwa.org)

To: nhwater981@bellsouth.net

Date: Wednesday, May 26, 2021, 01:54 PM CDT

Here is the CCR and URL. Please let me know if you need any additional information.

A refund check is also on the way.

https://msrwa.org/2020ccr/NorthHinds.pdf

Thanks

Cecilia

Cecilia Garris

CFO/Office Manager

MsRWA

PH: 601.857.2433

Fax: 601.857.2434

North Hinds.pdf
166kB

NORTH HINDS WATER ASSN., INC.
P.O. DRAWER 300
FLORA, MISSISSIPPI 39071
(601) 981-1657

RETURN SERVICE REQUESTED

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
39071 FLORA, MS 39071
PERMIT NO. 6

TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
ater	262330	256410	5.920	33.53

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
2	3	6/15/21
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
33.53		36.88

MAIL THIS STUB WITH YOUR PAYMENT

Service From 4/15/2021 TO 5/15/2021 ACCOUNT 3 5/27/2021

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	15	1	33.53	3.35	36.88

TAYLOR YOWELL
1541 FRANK HALL RD
BOLTON MS 39041-3146

2020 CCR REPORTS ARE AVAILABLE AT:
https://msrwa.org/2020ccr/north hinds.pdf

NORTH HINDS WATER ASSN., INC.
P.O. DRAWER 300
FLORA, MISSISSIPPI 39071
(601) 981-1657

RETURN SERVICE REQUESTED

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
39071 FLORA, MS 39071
PERMIT NO. 6

TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
ater	164520	161950	2.570	23.71

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
6	1	6/15/21
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
23.71		26.08

MAIL THIS STUB WITH YOUR PAYMENT

Service From 5/26/2021 TO 5/15/2021 ACCOUNT 1 5/27/2021

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	15	1	23.71	2.37	26.08

TRACEY RUBIOLA
11260 HIGHWAY 49 N
JACKSON MS 39209-9780

020 CCR REPORTS ARE AVAILABLE AT:
ttps://msrwa.org/2020ccr/north hinds.pdf