2020 JUN 18 AM 11:13

2019 CERTIFICATION

Consumer Confidence Report (CCR)

BIGFIELD/BIRDIE/NORFLEET WATER ASSOCATION

Public Water System Name

PWS ID# 0600002 0600017-0600009

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 _____

Date(s) customers were informed: 6 / 1 /2020 / /2020 / /2020

☐ 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: / /2020

- ☐ ☐ 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: 6 /1 /2020

☐ 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

Contact

Name/Title (*Board President, Mayor, Owner, Admin. Contact, etc.*)

6/16/20

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

Fax: (601) 576 - 7800
Not a preferred method due to poor clarity

CCR Deadline to MSDH & Customers by July 1, 2020!

BIG FIELD WATER ASSOCIATION, INC.
PO BOX 309
MARKS, MS 38646

May 26, 2020

Mr. William Bahr
Marks-Quitman County Library
315 E. Main St.
Marks, MS 38646

Re: Big Field Water Consumer Confidence Report

Dear Mr. Bahr

Enclosed please find the consumer confidence report for Big Field Water Association, Inc., for the year of 2019. The Association is encouraged by the State Health Department to provide customers with public access to this report.

I appreciate your help in this matter.

Sincerely,

Thomas E. Clayton, Jr.
Certified Public Accountant
Big Field Water Association, Inc.

TC:tc

2019 Annual Drinking Water Quality Report
Big Field/Birdie/Norfleet Water Association
PWS#: 0600002, 0600017 & 0600009
May 2020

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. Our water source is from wells drawing from the Tallahatta Formation Aquifer & the Meridian Upper Wilcox.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Big Field Water Association have received lower susceptibility rankings to contamination,

If you have any questions about this report or concerning your water utility, please contact Thomas E. Clayton, Jr. at 662.326.6921. We want our valued customers to be informed about their water utility. If you want to learn more, please attend the regular meetings scheduled for the first Wednesday of each month at 7:00 PM at Big Field Tower Office, O'Neal Road, Marks, MS,

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 we detected during the period of January 1st to December 31st, 2019. In cases where monitoring wasn't required in 2019, 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.

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

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.

Picocuries per liter (pCi/L) – picocuries per liter is a measure of the radioactivity in water.

Big Field - # 600002			**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	2019*	.0133	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2019	3.3	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	2019	.155	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*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019	120000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2016*	17	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2016*	14	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	.9	.6 – 1	ppm	0	MRDL = 4	Water additive used to control microbes

Birdie- # 0600017 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	2019*	.0108	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	N	2015/17*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.15	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
Sodium	N	2019	120000	No Range	PPB	0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection By-Products								
81. HAA5	N	2017*	13	4 - 13	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2017*	36.3	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	.8	.6 – .9	Mg/l	0	MRDL = 4	Water additive used to control microbes

Norfleet - #600009 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								
8. Arsenic	N	2016*	8	6 - 8	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2016*	.009	.0048 - .009	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2016*	3.3	1.7 – 3.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2015/17*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

16. Fluoride	N	2016*	.21	.173 - .21	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2015/17*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfection By-Products

81. HAA5	N	2017*	13	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2017*	34	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2019	.7	.6 – .9	Mg/l	0	MDRL = 4	Water additive used to control microbes

Treatment Technique

TT Violation	Explanation	Duration of Violation	Corrective Actions	Health Effects Language
Ground Water Rule	Failure to Address Deficiency	09/2016 – 12/2018	The system has completed corrective actions and is no longer in violation of this rule.	Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

** Most recent sample. No sample required for 2019.*

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. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

System # 600009 – Norfleet received a CCR report violation for not completing this report in 2019 by the July 21st deadline.

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.

Significant Deficiencies – System # 600009
Monitoring and Reporting of Compliance Data Violations:
During a sanitary survey conducted on 15/14/2019, the Mississippi State Department of Health cited the following significant deficiency(s):
Unprotected Cross Connections
Corrective Actions: This system is scheduled for enforcement actions by MSDH to correct the deficiency by 6/30/2020.

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 Big Field 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.

BIG FIELD WATER ASSOCIATION INC
PO BOX 309
MARKS, MS 38646
(662) 326-3322

2020 JUN 18 AM 11:18

FIRST-CLASS MAIL
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PERMIT NO.

TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	614840	614840	0	28.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
1	1	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
28.00		30.80

MAIL THIS STUB WITH YOUR PAYMEN

1

ACCOUNT 1 **5/29/20**

GRAEBER, LEWIS
PO BOX 40
MARKS MS 0

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	1	28.00	2.80	30.80

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
OFFICE PHONE: 662-326-3322/662-444-0065
CCR AVAILABLE UPON REQUEST

BIG FIELD WATER ASSOCIATION INC
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MARKS, MS 38646
(662) 326-3322

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	45780	45780	0	28.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
1	2	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
28.00		30.80

MAIL THIS STUB WITH YOUR PAYMEN

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ACCOUNT 2 **5/29/20**

GRAEBER, CLARK
PO BOX 40
MARKS MS 38646

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	1	28.00	2.80	30.80

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	282550	280020	2,530	30.65
GARBAGE				16.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
1	3	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
46.65		49.72

MAIL THIS STUB WITH YOUR PAYMENT

1

ACCOUNT 3 **5/29/20**

CARTER, MACHELL
508 HUMPHREY AVE

2020 JUN 18 AM 11: 13

TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	1216650	1216640	10	20.00
Late Fee				0.90
GARBAGE				16.00
Past Due				9.04

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
3	307	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
45.94		47.94

MAIL THIS STUB WITH YOUR PAYMENT

69

ACCOUNT 307 5/29/20

ARMSTEAD, FRED

4225 ARMSTEAD-JONES RI
CRENSHAW MS 38621

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	8	**45.94**	**2.00**	47.94

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
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MARKS, MS 38646
(662) 326-3322

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	943500	943200	300	20.00
GARBAGE				16.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
3	308	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
36.00		38.00

MAIL THIS STUB WITH YOUR PAYMENT

69

ACCOUNT 308 5/29/20

ANGLIN, WANDA

3150 FAIRHAVEN LOOP
CRENSHAW MS 38621

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	8	**36.00**	**2.00**	38.00

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
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CCR AVAILABLE UPON REQUEST

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	1242900	1242480	420	20.00
GARBAGE				16.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
3	309	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
36.00		38.00

MAIL THIS STUB WITH YOUR PAYMENT

69

ACCOUNT 309 5/29/20

JONES, ELIZABETH
1825 ARMSTEAD-JONES
CRENSHAW MS 38621

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	8	**36.00**	**2.00**	38.00

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
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CCR AVAILABLE UPON REQUEST

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(662) 326-3322

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	60110	56280	3,830	48.15

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
2	248	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
48.15		52.97

MAIL THIS STUB WITH YOUR PAYMENT

51

ACCOUNT 248 5/29/20

SINK, JAMES
908 NORTH LAMAR BLVD
UNIT 302
OXFORD MS 38622

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	3	48.15	4.82	52.97

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
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(662) 326-3322

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	1918650	1888900	29,750	177.75
GARBAGE				16.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
2	250	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
193.75		211.53

MAIL THIS STUB WITH YOUR PAYMENT

51

ACCOUNT 250 5/29/20

LANCASTER, RONNIE

4815 DARLING ROAD
SLEDGE MS 38670

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	4	193.75	17.78	211.53

MAIL PAYMENTS TO: P O BOX 309 MARKS MS 38646
OFFICE PHONE: 662-326-3322/662-444-0065
CCR AVAILABLE UPON REQUEST

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MARKS, MS 38646
(662) 326-3322

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TYPE OF SERVICE	METER READING PRESENT	METER READING PREVIOUS	USED	CHARGES
Water	631420	628450	2,970	43.85
GARBAGE				16.00

CUSTOMER ROUTE	CUSTOMER ACCOUNT	DUE DATE PAST DUE AFTER THIS DATE
2	251	6/20/20
TOTAL DUE UPON RECEIPT		PAST DUE AMOUNT
59.85		64.24

MAIL THIS STUB WITH YOUR PAYMENT

51

ACCOUNT 251 5/29/20

JAMES, LORENE

8001 HWY 315 W
SLEDGE MS 38670

METER READ MONTH	METER READ DAY	CLASS	TOTAL DUE UPON RECEIPT	LATE CHARGE AFTER DUE DATE	PAST DUE AMOUNT
5	29	4	59.85	4.39	64.24