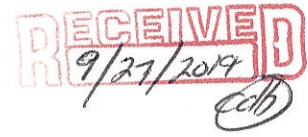




Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950



September 24, 2019

Mr. Daryl Baker, General Manager
Eufaula Water Works
840 West Washington Street
Eufaula, AL 36027

RE: **Annual Inspection – FY2019**
PWSID # AL0000085
Barbour County

Dear Mr. Baker:

The annual inspection of the Eufaula Water Works water system was conducted on September 16, 2019. Thank you and your staff for the assistance provided during my visit.

The water system consists of seven (7) wells with a total permitted pumping capacity of 3,805 gallons per minute, eleven (11) storage facilities with a total storage capacity of 4,557,000 gallons and distribution mains to serve approximately 5,990 customers. Interconnections exist with the Bakerhill and the Cowikee water systems. A chlorine residual of 1.43 mg/l and a fluoride concentration of 0.75 mg/L was measured in the distribution system.

Overall, the operation and maintenance of the water system appeared to comply with Department requirements.

During the inspection the system's Lead and Copper Rule (LCR) sampling protocols and guidance documents were reviewed. Based on this review, the following deficiencies were noted:

1. **All of the sites should have the date the plumbing was installed.**
2. **The primary sites should include as many tier 1 sites as possible. Documentation must be provided if lower tiered sites must be used. Please use the enclosed memo "2019 Lead and Copper Sampling" dated 11/14/18 for guidance.**

Once these corrections are made, resubmit the sampling plan to the Department no later than December 31, 2019.



All certified laboratories that conduct lead and copper analysis are now required to notify ADEM within 24 hours of any action level exceedance; this will help ensure that you meet all of the public notification and education requirements as soon as possible.

Also, future ADEM inspections and sanitary surveys will include a review of the system's lead and copper sampling plan. Please make sure the plan is available for review along with the materials inventory of the distribution system and the lead and copper monitoring results.

Please continue to stay up to date on changes to Division 7 and Division 10 regulations. The most current regulations and forms can be found online at www.adem.alabama.gov.

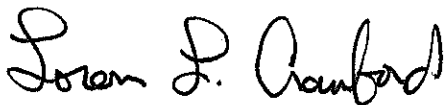
The Department requires all systems to update their Source Water Assessment Program (SWAP) before permits-to-furnish water are reissued. Application for permit reissuance is due 180 days prior to permit expiration.

The Department is providing a web-enabled **electronic drinking water reporting system (eDWRS)** for drinking water facilities to streamline the management of correspondence required by the drinking water program. If you need any assistance, please contact eDWRS coordinator Ms. Donna Barton at (334) 271-7726 or by e-mail at dbarton@adem.alabama.gov.

The next annual Consumer Confidence Report (CCR) must be completed for 2019. A new CCR Certification Form is available on the ADEM Drinking Water homepage or can be accessed via direct link at adem.alabama.gov/DeptForms/DraftForm347.pdf. A copy of the CCR, along with a completed new CCR Certification Form must be sent to the Department in an **electronic format** no later than July 1, 2020. If you have any questions regarding the CCR, please call Ms. Laura Taylor at (334) 271-7820 or email her at lat@adem.alabama.gov.

If there are any questions or if I can be of any assistance, please call me at (334) 271-7788 or email me at llc@adem.alabama.gov.

Sincerely,



Loren L. Crawford
Water Supply Engineering Section
Drinking Water Branch

Enclosure (s): 2

cc: Mr. Michael Taylor, Water Supervisor

**Alabama Department of Environmental Management - Drinking Water Branch
Public Water System Evaluation Form**

ANNUAL INSPECTION
 SURFACE
 SANITARY SURVEY
 GROUND
 OTHER - _____
 PURCHASE

System Name EuFaula Water Works PWSID # AL0000085
 County Barbour Survey Date (Mo/Da/Yr) 9/16/2019
 Operator Michael Taylor
 Certification Grade WG - 11 Operating Permit Exp Date (Mo/Da/Yr) 9/30/2022

SOURCE

1. Quantity
2. Security
3. Pumping Capacity
4. Intake Structure
5. Pumps
6. Screens

S S S N S S

TREATMENT

7. Flash Mix
8. Flocculation
9. Sedimentation
10. Filtration
11. Mechanical Equipment Condition
12. Chemical Storage
13. Chemical Feed Equipment
14. Chemical Dosages

N N N N S S S S

DISTRIBUTION SYSTEM

15. Finished Water Pumping Capacity
16. Water Quality
17. Pressure
18. Fire Flow
19. Distribution System Condition
20. Valve/Hydrant Maintenance
21. Flushing Program
22. Leak Detection/Repair
23. System Map
24. Disinfectant Residual
25. Booster Pumping Stations

S S S S S S S S S S S S S S S

STORAGE

26. Capacity
27. Protection/Security
28. Bypass/Drain/Overflow/Sample Tap
29. Maintenance Program

S S S S

SYSTEM O & M

30. Facility Security
31. Routine Maintenance Program
32. Preventative Maintenance Program
33. Supplies/Spare Parts
34. Inst. Calibration Schedule
35. Waste Disposal
36. SOP Manual

S S S S S N S

OPERATION AND CONTROL

37. Certified Operators
38. Laboratory Equipment
39. On-Line Continuous CL2 Monitors
40. On-Line Turbidimeters
41. Computer Capabilities
42. Stand By Generators

S S S N S S

MONITORING-REPORTING-RECORD KEEPING

43. Bac-T Sample Site Plan
44. Cross Connection Control Policy
45. DBP Monitoring Plan (Stage 1 and 2)
46. Chemical Monitoring Schedule
47. Water Conservation Plan
48. Source Water Assessment Plan
49. Vulnerability Assessment / ERP
50. Consumer Confidence Reporting
51. Monthly Operation Data Reports
52. Customer Complaints Records
53. Lead and Copper Monitoring Plan

S S S S S S S S S S S S S S S

Average Daily Production (Gallons) 1,760,000

Maximum Daily Production (Gallons) 3,460,000

Raw Water Pumping Capacity (Total) MGD

Finished Water Pumping Capacity (Total) MGD

WATER PURCHASED
 Total # of Connections 2 # of Purchase Conn. 0
 Total Gallons Purchased / Month 0

STORAGE CAPACITY
 Number of Tanks 11 Total Storage (Gallons) 4,557,000

FIELD TESTS CONDUCTED
 C12 1.43 pH 7.0-7.5
 (mg/L) 5 Iron 5 Mang. 5
 OVERALL RATING 5 Turbidity 5

SYSTEM REPRESENTATIVE
Robert Crawford
 ADEM INSPECTOR
Michael Taylor



Additional Comments Well #4 Down until Rebuild
Need more tier 15 or 9 water