



Alabama Department of Environmental Management
adem.alabama.gov
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(334) 271-7700 ■ FAX (334) 271-7950



March 27, 2018

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

RE: **Sanitary Survey – FY2018**
PWSID # AL0000085
Barbour County

Dear Mr. Baker:

The sanitary survey of the Eufaula water system was conducted on March 7, 2018. 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 1.59 mg/l and a fluoride concentration of 1.13 mg/L was detected in the distribution system.

The following recommendation(s) were noted during the Departments' inspection:

1. The water system should obtain a generator(s) or have the ability to easily install generated power quickly during emergency situations.

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 water system appears to be in compliance with all LCR sampling protocols and guidance documents requirements.

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 updated on changes to Division 7 and Division 10 regulations. The most current regulations and forms can be found on the World Wide Web 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 and a copy of the CCR along with a completed CCR Certification Form must be sent to the Department in an **electronic format** no later than **July 1, 2018**. 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
Ground Source Section
Drinking Water Branch

LLC/llc

Enclosure (s):

cc: Mr. Michael Taylor, Water Supervisor

Alabama Department of Environmental Management - Drinking Water Branch

Public Water System Evaluation Form

ANNUAL INSPECTION SURFACE System Name: Evfalia Water works PWSID #: AL0000085
 SANITARY SURVEY GROUND County: Barbour Survey Date (Mo/Day/Yr): 3/7/2018
 OTHER - _____ PURCHASE Operator: Michael Taylor
 Certification Grade: WG-11 Operating Permit Exp Date (Mo/Day/Yr): 9/30/2022

SOURCE	S	U	S	S	S	S	S	S	S
1. Quantity	S								
2. Security	S								
3. Pumping Capacity	S								
4. Intake Structure	N								
5. Pumps	S								
6. Screens	S								
7. Flash Mix	N								
8. Flocculation	N								
9. Sedimentation	N								
10. Filtration	N								
11. Mechanical Equipment Condition	S								
12. Chemical Storage	S								
13. Chemical Feed Equipment	S								
14. Chemical Dosages	S								
DISTRIBUTION SYSTEM									
15. Finished Water Pumping Capacity	S								
16. Water Quality	S								
17. Pressure	S								
18. Fire Flow	S								
19. Distribution System Condition	S								
20. Valve/Hydrant Maintenance	S								
21. Flushing Program	S								
22. Leak Detection/Repair	S								
23. System Map	S								
24. Disinfectant Residual	S								
25. Booster Pumping Stations	S								
STORAGE									
26. Capacity	S								
27. Protection/Security	S								
28. Bypass/Drain/Overflow/Sample Tap	S								
29. Maintenance Program	S								
SYSTEM O & M									
30. Facility Security	S								
31. Routine Maintenance Program	S								
32. Preventative Maintenance Program	S								
33. Supplies/Spare Parts	S								
34. Inst. Calibration Schedule	S								
35. Waste Disposal	S								
36. SOP Manual	S								
OPERATION AND CONTROL									
37. Certified Operators	S								
38. Laboratory Equipment	S								
39. On-Line Continuous CL2 Monitors	S								
40. On-Line Turbidimeters	N								
41. Computer Capabilities	S								
42. Stand By Generators	S								
MONITORING-REPORTING-RECORD KEEPING									
43. Bac-T Sample Site Plan	S								
44. Cross Connection Control Policy	S								
45. DBP Monitoring Plan (Stage 1 and 2)	S								
46. Chemical Monitoring Schedule	S								
47. Water Conservation Plan	S								
48. Source Water Assessment Plan	S								
49. Vulnerability Assessment / ERP	S								
50. Consumer Confidence Reporting	S								
51. Monthly Operation Data Reports	S								
52. Customer Complaints Records	S								
53. Lead and Copper Monitoring Plan	S								

Average Daily Production (Gallons): 1,649,000
 Maximum Daily Production (Gallons): 2,252,000
 Raw Water Pumping Capacity (Total): MGD
 Finished Water Pumping Capacity (Total): MGD
 Total # of Connections: 0 # of Purchase Conn.: 0
 Total Gallons Purchased / Month: 0
 Number of Tanks: 11 STORAGE CAPACITY: 0
 Total Storage (Gallons): 0
 FIELD TESTS CONDUCTED: 0 Iron 0 Turbidity
 pH: 0 C^o: 0
 C12 (mg/L): 1.59 OVERALL RATING: S
 ADEM INSPECTOR: Joseph J. Crawford
 SYSTEM REPRESENTATIVE: X Michael J
 Additional Comments: _____

