



# **DRINKING WATER BRANCH FY2020 ANNUAL REPORT**



**MARCH 2021**

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**FY2020 ANNUAL REPORT  
DRINKING WATER BRANCH-WATER DIVISION  
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**Program Management and Administration**

The Drinking Water Branch currently employs eight environmental engineers, one part-time/retired environmental engineer, six environmental scientists, two administrative assistants, and three supervisors.

ADEM's Drinking Water Branch regulates public water systems. There are two categories of public water systems: community water systems, and non-community water systems.

Community water systems serve the same people year-round. Examples of community water systems include water systems owned and operated by cities, towns, counties, and mobile home parks. At the end of FY2020, there were 510 community water systems in Alabama.

Non-community water systems are water systems that serve the public but do not serve the same people year-round. There are two types of non-community water systems: non-transient and transient. A non-transient non-community water system serves the same people more than six months per year, but not year-round. Examples of non-transient non-community water systems include schools and industries that have their own water supply system. At the end of FY2020, there were 22 non-transient non-community water systems in Alabama. A transient non-community water system serves the public, but not the same individuals, at least 60 days per year. Examples of transient non-community water systems include rest areas and campgrounds that have their own water supply system. At the end of FY2020, there were 44 transient non-community water systems in Alabama.

During FY2020, the Drinking Water Branch conducted 641 site visits, including 589 inspections (i.e. sanitary surveys, technical assistance, etc.) and 52 sampling visits. The Branch issued, renewed, or modified 71 permits in FY2020. There were 8 Notices of Violation (NOV) and 3 enforcement orders issued in FY2020.

**Public Participation**

Public participation during FY20 was a challenge due to COVID-19 restrictions. However, branch staff continued to be as active as possible in numerous water industry organizations, including making presentations and attending virtually.

## Permitting Activities

In order to operate, a public water system is required to have a valid permit issued by ADEM. Community water system permits are valid for six years and non-community water system permits are valid for ten years. Before a permit can be considered for renewal, an application package (application, fee, and any additional information required) must be submitted to ADEM for review and processing. The district inspector responsible for ensuring a water system complies with Department regulations reviews the information on the application and in the system files before issuing the renewal permit. Special conditions are included in some permits to correct system deficiencies, to address areas of non-compliance, or to place requirements on a system that are not specifically addressed in the permit general conditions. For water purchased from other public water systems, copies of the purchase contracts are required as a part of the application process to ensure that each purchase system has a viable long-term water supply source.

In FY2020, operating permits were issued/renewed for 11 water systems, and 20 permit modifications were issued for changes in ownership, consolidation of water systems, facility name changes, chemical additions, or other changes. Table 1 contains the breakdown of Operating Permit activity.

**TABLE 1**  
**OPERATING PERMIT SUMMARY**

<b>Type</b>	<b>Community</b>	<b>Transient Non-Community</b>	<b>Non Transient Non-Community</b>	<b>Total</b>
Water System Permit Renewals	11	0	0	11
New Water Systems Activated	0	0	0	0
Water Systems Inactivated	1	4	0	5

Public water systems must obtain a permit prior to the start of construction on any major addition (e.g. storage tanks, booster pump stations, new sources, and significant water main additions). A satisfactory application package (permit application, fee, and plans/specifications stamped by an Alabama licensed professional engineer) must be received before ADEM will issue a construction permit. Upon issuance of the permit, the project information is logged into a database and its progress is tracked through quarterly (at a minimum) reports submitted by the water system. Staff engineers reviewed and issued 47 construction permits in FY2020.

Approval to place the permitted project into service is given after submittal of the required information. For facilities such as storage tanks, booster pump stations, and water mains, this information may include a project completion form with material quantities and final costs, satisfactory bacteriological results, and pressure test results. An on-site final inspection of the new facilities is generally not required. For new groundwater or surface water sources, surface source intakes, and water treatment plants, required information may include the well driller's logs, source pump test rate results, pump curves, satisfactory water treatment plant test run results, an approved Source Water Assessment, an application for approval to use a well, satisfactory chemical monitoring results, satisfactory bacteriological results, filtration test results, pressure test results, and a project completion form with material quantities and final costs. An on-site final inspection

is required of new sources, intakes, and water treatment plants. Record drawings must be provided to ADEM within 30 days of the final inspection or completion on the project. A new water system may begin to supply customers when a compliance activation date is set and monitoring requirements are established. Table 2 lists public water system construction permit activities.

**TABLE 2**  
**CONSTRUCTION PERMIT SUMMARY**

<b>Facility/Equipment</b>	<b>Permitted for Construction</b>	<b>Placed into Service</b>
Miles of Water Main	120.5	73
Customer Services (New)	481	41
Fire Hydrants	167	119
Wells and Capacity (GPM)	14 @ 8,210 combined	6 @ 4,085 combined
New Water Treatment Plants (MGD)	2 @ 4.350	N/A
Additions to WT Plants	N/A	N/A
Tanks and Capacity (MG)	5 @ 3.45 combined	4 @ 1.75 combined
Final Project Cost	N/A	\$23,159,739.20

### **Water System Inspection Activities**

Branch staff inspects all community and non-community systems on an annual basis. At a minimum, every third year a more detailed inspection called a sanitary survey is conducted instead of an annual inspection. The goal of these inspections is to review the required documentation maintained at the Department and water system office, discuss system operation and maintenance policies, check chlorine residuals, pH, and iron content, and visually inspect the system facilities to confirm proper operation and maintenance. During these inspections, the Branch staff offers technical assistance to water system personnel to improve system operation. Issues such as deteriorating equipment, inadequate water storage tank maintenance, proposed or new regulations, public relations, operator certification, water conservation plans, bacteriological/chemical monitoring plans, monitoring/reporting violations, and proposed or ongoing construction projects are frequently discussed. Additional visits to water systems are performed to finalize construction projects, address customer complaints and monitoring violations, conduct susceptibility analysis of sources, and attend board/council meetings.

A total of 582 inspections (246 sanitary surveys and 336 annual inspections) were conducted in FY2020. Appendix A lists water system inspection activities.

### **SDWIS/State Activities**

In FY2020, the Drinking Water Branch continued to use its database of record, SDWIS/STATE Web Release 3.32. CDS continued to be utilized for automated compliance determination and sample tracking. A Drinking Water Branch representative virtually attended the 2020 ASDWA/EPA Data Management Users during September, 2020 to receive continuing education

regarding the SDWIS/STATE program. The Branch continued to report Drinking Water Branch Data to EPA using FedRep, which is part of the Modernized Data Flow System implemented by EPA. Data was reported via XML format using FedRep.

The Information Systems Branch is continuing to maintain the electronic drinking water reporting system (eDWRs) for the Drinking Water Branch. This system is used by certified laboratories and water systems to submit data electronically via XML. The health department and all laboratories are using eDWRs to submit their data in XML format. Data submitted via XML is directly uploaded into SDWIS/STATE.

## **Drinking Water Security Program**

The Drinking Water Branch continues to review facility security during routine inspections and assist drinking water utilities with emergency response, as well as provide technical assistance and information to utilities, consultants, Department staff, and the general public.

The Branch is currently drafting a Standard Operating Procedure (SOP) designed to ensure prompt and efficient responses between the utility, public health personnel, law enforcement, medical, and other emergency responders in the event of an intentional, natural, or terrorist act involving public water systems.

To more efficiently communicate with the drinking water utilities in the State, the Branch maintains a communications tool called GroupCast, which is used to send reporting reminders and distribute information in times of emergencies.

## **Capacity Development Program**

The Safe Drinking Water Act (SDWA) requires states to develop a Water System Capacity Development Strategy and Implementation Plan. The basis of ADEM's plan is to limit the development of non-viable systems. Procedures established by this plan were incorporated into a Capacity Development Strategy which has been utilized to reduce the number of systems that do not have the technical, financial, or managerial (TMF) ability to operate in accordance with state and federal requirements. An aspect of this plan involves partnering with the ARWA.

In FY2020, ADEM contracted with the ARWA for their assistance to water systems that were having difficulty in complying with regulations and needed significant improvement in their TMF capacity. ARWA aided two systems' TMF capacity by identifying and addressing issues concerning high water loss, meter replacement, management instability, and grant acquisition. ARWA also provided assistance to six other systems where specific concerns were noted during inspections. In addition, ADEM corresponded with Communities Unlimited, Inc. on evaluating eight water systems' TMF capacity. This included updating ADEM required documentation, providing operator certification training, and performing rate analysis to improve these systems'

financial health. The Drinking Water Branch continues to work with these systems to correct any deficiencies noted by ARWA and Communities Unlimited, Inc. that have yet to be resolved.

Also for FY2020, ADEM prepared the Annual Capacity Development Implementation Report and submitted it to EPA. This report profiled The Department's work with public drinking water systems to improve their TMF abilities.

### **Consumer Confidence Report Program**

The 1996 amendments to the Safe Drinking Water Act require community water systems to provide an annual Consumer Confidence Report (CCR) to their customers. The content of the CCR and delivery method is specified in ADEM's Drinking Water regulations (ADEM Admin. Code 335-7-14). The CCR includes information for each calendar year and is delivered to customers and the Drinking Water Branch no later than July 1 of the following year. In addition to the copy of the CCR supplied to the Branch, a water system must also certify by July 1 the CCR delivery method met ADEM's Drinking Water regulations. Public water systems (wholesaler) which supply water to other public water systems (consecutive) must furnish the consecutive system the wholesaler's water quality information no later than April 1 (unless another date has been agreed upon by both systems). This Annual Report covers the calendar year 2019 CCRs, which were due by July 1, 2020. Of the 507 water systems required to complete a CCR and Certification Form, 99% met the submittal deadline.

### **Potability Certificate Program**

There is an agreement with the US Department of Agriculture (USDA) and the Alabama Department of Public Health (ADPH) for ADEM to issue water potability certificates to meat processing facilities, ice producing facilities and dairies. These facilities are required to submit biannual bacteriological results and maintain a free chlorine residual of one part per million (ppm). Based on the review of these bacteriological results, renewal of the certificate is either granted or denied. In FY2020, a total of two potability certificates were issued. They were both renewals.

### **Bottled Water Program**

The Drinking Water Branch is responsible for approving bottled water sources and maintains a database of approved sources in the state. An informational package is mailed to persons interested in the development of a bottled water source. This package lists the steps needed for approval of a bottled water source. Treatment of the source is based on its raw water quality. A Branch representative conducts an on-site inspection of the source and its treatment facility and issues an initial approval or non-approval of the bottled water source. After approval of a source, the Food and Drug Administration, through an agreement with ADPH, is responsible for the regulation of all bottled water facilities.

Currently, there are twenty-three approved sources of bottled water in Alabama. These twenty-three sources include twelve natural springs, one municipal spring and ten private wells.

### **Source Water Assessment Program (SWAP) – Surface Water Sources**

The 1996 amendments to the SDWA require a SWAP be completed for “surface” sources. Under the amendments, a surface source was to include sources traditionally classified as such – rivers, creeks, lakes, as well as other sources designated as Groundwater Under the Direct Influence of surface water (GWUDI). Alabama has completed a SWAP for all permitted surface water sources. In FY2020, there were 83 water systems utilizing 125 active sources classified as either surface water or GWUDI of surface water.

A surface water SWAP must be completed prior to issuing a permit to construct the intake at the source. A water system is required to review its SWAP prior to submitting its permit renewal application package (every six years for community and ten years for non-community water systems). The assessments are to be updated when there is a significant change in the contaminant inventory or susceptibility analysis. A completed SWAP for a surface water source must include the following:

- Delineation of the watershed,
- Contaminant source inventory,
- Susceptibility analysis of each possible contaminant source in the inventory,
- Contingency plan, and
- A public awareness requirement

The majority of potential contaminant sites within the source water assessment areas have been given a “low susceptibility” ranking. The main reason for these low rankings is that many of the raw water sources were designated for drinking water at the time of construction, and therefore, public use is controlled. The majority of potential contaminant sites stem from highway bridge crossings where vehicular traffic may be high but the potential for a “contamination event” is relatively low.

### **Source Water Assessment (SWAP) – Groundwater Sources**

All public water supply systems with ground water sources have completed a SWAP for each of their existing sources. All water systems are required to update their SWAPs when applying for reissuance of their permits-to-furnish water. All new groundwater sources must have a completed SWAP, prior to using the source for potable water. A completed SWAP for a groundwater source must include the following:

- Delineation of the source water assessment area (SWAA),
- An inventory of the possible contaminant sources within the SWAA,
- A susceptibility analysis of each possible contaminant source in the inventory, and
- A public awareness requirement



When the SWAP requirements were initially required in February 2003, Alabama had a total of 414 public water supply systems that utilized one or more groundwater sources. These systems were required to complete a SWAP for their groundwater sources. The public water supply systems were categorized as follows:

- 310 Community Groundwater Systems
- 75 Non-Community Transient Groundwater Systems, and
- 29 Non-Community Non-Transient Groundwater Systems

Alabama received ten SWAPs for ten new or expanded groundwater sources in FY2020. Nine of these reports were submitted from existing public water systems. One of these reports was submitted from a new Transient Non-Community (TNC) water system. SWAPs have been finalized for seven of the new well sources. For the remaining groundwater sources, the SWAP is currently in the process of being reviewed and finalized.

### **Wellhead Protection Program**

The wellhead protection program is regulated through the Drinking Water regulations, but is administered by a staff member in ADEM's Groundwater Branch.

Underground storage tanks (UST) are potential significant sources of chemical contaminants in groundwater in Alabama. Approximately 223 UST compliance inspections were completed within wellhead protection areas. During FY2020, approximately 248 corrective action sites were located in designated wellhead protection areas or within one mile of public drinking water wells.

The 2020 ADEM Annual Groundwater Conference was canceled this year due to the COVID-19 pandemic. The conference is traditionally a daylong agenda of presentations for environmental professionals, regulatory agencies, academia, and interested public.

The Groundwater Festival Program continues to be a part of the Wellhead Protection Program by providing a structured outreach and education event. It provides an avenue for utilities to become involved in and initiate drinking water education programs in their service area. ARWA, with input from ADEM, continues to maintain the Water Festival website. Water festival grant approvals were issued for 17 counties throughout Alabama. Each grant was issued in the amount of \$1,000. These festivals were held to educate students and citizens across the state about the wise use, conservation, and development of our natural resources including groundwater sourced drinking water and aquifer preservation. Volunteers from across the state participated in the events including ADEM personnel. Funding for these grants was made available through ADEM's Pollution Control Grant Fund.

### **Area Wide Optimization Program (AWOP) Participation**

ADEM continued to be a participant in the U.S. EPA Region 4 Area Wide Optimization Program (AWOP). 2020 marked the 23<sup>rd</sup> year of ADEM's involvement in AWOP. AWOP is a program designed to optimize performance of water systems beyond regulatory limits to provide increased

public health protection. The program sets goals for turbidity at surface water treatment plants, disinfection byproducts (DBP), chlorine residual, storage tanks and other parameters. The AWOP team then assists water systems in meeting these goals through various activities. Below is a list of activities conducted in FY2020. Activities were limited due to COVID-19 travel and meeting restrictions.

- Each engineer and inspector has made AWOP a priority for the systems in their district and incorporates AWOP principles into their daily activities. This includes discussions with water systems about AWOP goals during inspections.
- ADEM staff attended two in person meetings and one remote Region 4 AWOP Planning Meeting and Workshop during FY2020. The first was held in October 2019 (North Charleston, SC), March 2020 (Winston-Salem, NC) and July 2020 (Remote).
- ADEM conducted one session of Microbial Performance Based Training during FY2020. The session was held on February 5, 2020. The water systems in attendance were Athens, Dekalb-Jackson, Madison, and Shelby County. Three additional sessions were completed in January, April and August 2019. No additional sessions were held in FY2020 due to COVID-19 travel and meeting restrictions.
- In 2016, ADEM began tracking distribution system performance in relation to the DBP goals. Based upon the second Quarter 2020 data, 187 of 235 (80%) distribution systems on quarterly DBP monitoring met all the DBP goals.

### **Enforcement Activities**

Drinking Water Branch enforcement activities are shown in Table 3. A total of 137 violation letters (e.g. – Maximum Contaminant Level (MCL) exceedances, Monitoring and Reporting violations, state (non-federal) violations, etc.) were mailed to water systems during FY2020.

**TABLE 3**  
ENFORCEMENT ACTIONS

<b>Enforcement Action</b>	<b>No.</b>
Violation Letters	<b>137</b>
Compliance Meetings	<b>0</b>
Violation Follow-ups	<b>0</b>
Notices of Violation	<b>6</b>
Show Cause Hearings	<b>7</b>
Consent Orders	<b>11</b>
Unilateral Orders	<b>1</b>
Court Cases	<b>0</b>

Six Notice of Violations (NOVs) were issued for systems incurring multiple violations or having multiple deficiencies at one time. Eight of the eleven consent orders issued included a financial

penalty. Three orders were issued for various system operation and maintenance issues and two were issued for several Disinfection Byproduct monitoring violations. Two were issued for operating without a permit. Three were issued for Consumer Confidence Report (CCR) violations. Seven show cause meetings were held to allow a system to contest a proposed order's findings of fact or the amount of its proposed fine. ADEM did not enter into litigation during FY2020.

## **Bacteriological Monitoring and Compliance**

On December 1, 2014, the Revised Total Coliform Rule went into effect in Alabama. There are two types of assessments in the rule. A Level One Assessment is required anytime a system collecting less than 40 compliance samples has more than one total coliform-positive in a month or a system collecting more than 40 compliance samples has more than five percent of their total samples in a month coliform-positive. A Level Two Assessment is required when a system incurs an E. Coli MCL violation or has more than one Level One Assessment required in a rolling twelve-month period.

The following is a summary for FY2020:

- 510 community water systems were required to monitor monthly for bacteriological contaminants. No systems incurred an E. Coli MCL violation. 16 systems were required to conduct a Level One Assessment, and 5 systems were required to conduct a Level Two Assessment (because of two Level One Assessments within a rolling 12 month period). Seventeen systems incurred monitoring violations, with no systems incurring more than one monitoring violation during FY2020.
- 96.67% of community water systems were in compliance with monitoring and reporting requirements, and 95.88% were in compliance with assessment standards or requirements. FY2020 compliance rates were higher than FY2019 for monitoring and reporting requirements and FY2020 compliance rates were higher than FY2019 for assessments.
- 22 Non-Transient Non-Community (NTNC) water systems were required to monitor for bacteriological contaminants each month they were providing potable water. No NTNC water system incurred an MCL or monitoring violation, and one system was required to conduct an assessment.
- 100% of NTNC water system were in compliance with monitoring and reporting requirements.
- 44 Transient Non-Community (TNC) water systems were required to monitor for bacteriological contaminants each month they were providing potable water. No systems incurred an E. Coli MCL violations. Three systems were required to conduct a Level One Assessment and one system was required to conduct a Level Two Assessment. One system incurred a monitoring violation during FY2020.
- 97.73% of Transient Non-Community systems were in compliance with monitoring and reporting requirements, and all of the systems were in compliance with assessment standards and requirements. FY 2020 compliance rates were higher than FY2019 for monitoring/reporting requirements and assessments.

## **Chemical Monitoring and Compliance**

Chemical monitoring is scheduled based on the calendar year. Therefore, only a summary of the results for FY2020 will be included in this annual report. A complete report of chemical compliance data for calendar year 2020 will be included in the 2020 annual violations report which will be produced by June 2021.

The following is a summary for FY2020:

- 160 water systems monitored 324 different sources for inorganic contaminants. All water systems with sources were required to monitor for nitrates. Two systems incurred an MCL violation for Fluoride.
- 264 water systems monitored for volatile organic chemicals (VOCs). Of the 545 ground and surface sources analyzed during FY2020, 44 sources had detections for 12 different regulated VOCs. No systems incurred an MCL violation for VOCs.
- 198 water systems monitored for synthetic organic chemicals (SOCs). Of the 388 ground and surface sources analyzed for SOCs, 26 sources had detections for 10 different regulated SOCs. One system incurred an MCL violation for a regulated SOC in FY2020.
- 127 systems (74 surface and 53 ground water) were required to monitor for turbidity. In contrast to the other contaminants monitored for in this section, there is no MCL for turbidity. Turbidity above 0.3 mg/L in over 95% of the filtered water samples constitutes a ‘treatment technique’ violation. No system incurred a monitoring or treatment technique violation in FY2020.

### **2020 Per- and Polyfluoroalkyl Substances (PFAS) Sampling Program**

In accordance with ADEM Admin. Code r. 335-7-2-.10, the Department instructed water systems to carry out PFAS monitoring at all sources not previously sampled during UCMR3. The prescribed method was the latest EPA Method (537.1), which measures 18 PFAS compounds. Ground sources (wells) were required to sample once January 1 – June 30, 2020, and once July 1 – December 31, 2020. Surface water sources were required to sample once per quarter. As data was received, the Department posted quarterly updates on its website for any detections above the method reporting limit. A total of 290 water systems submitted PFAS data during the year.

The results of this sampling effort are encouraging. The only results above the lifetime health advisory level for PFOA and PFOS were recorded at Centre Water & Sewer Board - which was identified during UCMR3 as a system of concern, and completed construction of treatment to remove PFAS during 2020. Only 57 water systems detected any PFAS compound above the method reporting limit.

### **Lead and Copper Monitoring Program**

The Lead and Copper regulations were modified in 2009 requiring water systems that conduct monitoring to notify the sampled customer of their levels of lead and copper. This notification must also include the action levels, health effects of lead, and steps the customer can take to reduce

the lead level in their drinking water. Water systems also must submit a report to ADEM anytime a new source or treatment is added or a major modification to an existing treatment is made. This report must detail any effect of this treatment change on lead and copper levels and must be approved by ADEM before the source or treatment is added or changed.

The Drinking Water Branch also has developed a process when a single sample exceeds the Lead or Copper compliance limit. When these compliance limits are exceeded, the laboratories are required to immediately report the results to ADEM. Drinking Water Branch personnel then contact the water system to discuss follow-up activities, which include informing the customer of the high level and requiring the system to resample.

In FY2020, the Drinking Water Branch continued to ensure that the systems collecting samples followed their sampling plan and instituted follow-up procedures to ensure that samples were collected at the proper tiers. The Branch also undertook to ensure that systems with lead service lines were identified and sites with lead service lines were sampled properly.

A total of 268 water systems monitored for Lead and Copper in FY2020. Birmingham VA Hospital, Clayton, McCall, and Mexia exceeded the Lead action level. Excel, International Paper – Selma, and Mid-Clarke exceeded the Copper action level. Water systems that exceed an action level must submit a corrosion control plan, conduct source water and water quality parameter monitoring, and return to monitoring every six months. In addition, systems that exceed the lead action level must provide their customers with lead and copper education materials.

A complete report of lead and copper compliance data for calendar year 2020 will be included in the 2020 annual violations report, which is expected to be available by June 2021.

## **Disinfection Byproduct Monitoring and Compliance**

The Stage 2 Disinfection Byproduct Rule (Stage 2) monitoring began in January 2012. These regulations require all water systems to determine compliance by a locational running annual average. All community and NTNC water systems are required to monitor for disinfection byproducts (DBPs), which include total trihalomethanes (TTHM) and haloacetic acids (HAA5). One system incurred a MCL violation for HAA5s and nine systems incurred MCL violations for TTHMs.

Twenty seven water systems incurred monitoring violations for disinfection byproducts during FY2020. The primary reason for the increased number of disinfection byproduct monitoring violations in FY2020 was a failure to collect the samples in the proper week in the proper month. Also, because systems that incurred a quarterly monitoring violation continued to incur the violation for the next three quarters that the results would have used to determine compliance, fourteen systems incurred violations during FY2020.

All water systems with high DBP levels are also required to conduct and submit an operation evaluation level (OEL) study. This study evaluates all aspects of system operation that might contribute to the high DBP levels.

All systems with a surface or GUDI source are required to monitor for total organic carbon (TOC). These systems were required to collect raw water and a combined filtered water sample each month. TOC results from each plant are evaluated to determine if the plant is meeting TOC removal requirements or to determine if monitoring could be reduced to quarterly for TOCs. No water systems incurred treatment technique violations for failure to meet TOC removal requirements and no water systems incurred monitoring violations.

23 water systems that feed chlorine dioxide are required to monitor for chlorites. No water system incurred a monitoring or maximum contaminant level violation for chlorites in FY2020.

### **Laboratory Certification Program**

All chemical and bacteriological analyses of water samples for compliance purposes are required to be analyzed at a laboratory certified by ADEM or EPA.

During FY2020, 27 bacteriological laboratories were certified during at least part of the year. No laboratories were decertified during FY2020. The certified bacteriological laboratories consisted of two State laboratories, eighteen water system laboratories and seven commercial laboratories.

Also, 34 chemical and radiological laboratories (10 in-state and 24 out-of-state) were certified during FY2020.

Appendices B and C contain a list of certified chemical, radiological, and bacteriological laboratories.

The Drinking Water Branch continued to coordinate meetings with ADPH and ADEM Field Operations Division each quarter to discuss certification issues. In addition, ADEM revised its written program plan and standard operating procedures.

### **Drinking Water State Revolving Fund Activities**

The Drinking Water State Revolving Fund (SRF) Annual Report is incorporated by reference and has been submitted to the SRF & Surface Water Grants Section of EPA Region IV under separate cover.

Drinking Water Branch engineers assist in the technical review of the SRF applications each year.

## **Operator Certification Program**

The FY2020 Alabama Operator Certification Annual Report is incorporated by reference and will be submitted to the EPA Region IV Operator Certification Coordinator under separate cover.

The Drinking Water Branch works closely with ADEM's operator certification section to address system concerns or deficiencies related to operator oversight matters. For example, to address potential concerns regarding operator error or analytical data errors.

## **Response to Natural/Man-Made Disasters**

The Drinking Water Branch collected current contact information from water systems and acquired a communications tool (GroupCast) to facilitate rapid dissemination of information to water systems during emergencies.

**APPENDIX A**  
*Water System Annual Inspections and Other Visit*



<b>System Name</b>	<b>Inspection Date</b>	<b>Site Visit Type</b>
ABBEVILLE WATER WORKS & SEWER BOARD	7/24/2020	Sanitary Survey
ADDISON WATER WORKS	10/25/2019	Operation and Maintenance
AKRON WATER SYSTEM	6/17/2020	Operation and Maintenance
ALA. WAREHOUSE/LOWER POOL #2	9/18/2020	Operation and Maintenance
ALABAMA DOT/I-10 AL/FL WELCOME CENTER	9/28/2020	Sanitary Survey
ALABASTER WATER BOARD	6/18/2020	Sanitary Survey
ALBERTVILLE UTILITIES BOARD	1/22/2020	Operation and Maintenance
ALEXANDER CITY WATER DEPARTMENT	7/9/2020	Operation and Maintenance
ALICEVILLE WATER & SEWER BOARD	8/5/2020	Operation and Maintenance
ALLEN AAF	11/20/2019	Operation and Maintenance
ALLGOOD WATER WORKS (TOWN OF)	8/19/2020	Operation and Maintenance
ALTOONA WATER & SEWER BOARD	2/27/2020	Sanitary Survey
ANDALUSIA (UTILITIES BOARD OF)	7/1/2020	Operation and Maintenance
ANNISTON WATER & SEWER BOARD	11/21/2019	Sanitary Survey
ARAB WATER WORKS BOARD	1/23/2020	Operation and Maintenance
ARDMORE WATER SYSTEM	11/21/2019	Operation and Maintenance
ARITON WATER WORKS	7/21/2020	Sanitary Survey
ARLEY WATER WORKS	7/23/2020	Sanitary Survey
ASBURY WATER SYSTEM	2/19/2020	Sanitary Survey
ASHFORD WATER WORKS	9/9/2020	Sanitary Survey
ASHLAND WATER & SEWER BOARD	6/18/2020	Operation and Maintenance
ASHVILLE WATER AND SEWER	7/10/2020	Operation and Maintenance
ATHENS UTILITIES	6/15/2020	Operation and Maintenance
ATTALLA WATER WORKS BOARD	2/26/2020	Operation and Maintenance
AUBURN WATER WORKS	8/13/2020	Sanitary Survey
AUTAUGA CO WATER AUTHORITY	5/21/2020	Sanitary Survey
AUTAUGAVILLE WATER WORKS	5/22/2020	Sanitary Survey
AVON WATER SYSTEM	9/25/2020	Operation and Maintenance
BAKERHILL WATER AUTHORITY	2/12/2020	Sanitary Survey
BALDWIN BAPTIST CAMP	9/28/2020	Sanitary Survey
BALLEWS APARTMENTS	5/18/2020	Operation and Maintenance
BANKS WATER SYSTEM	11/22/2019	Operation and Maintenance
BASF CORPORATION	8/24/2020	Sanitary Survey
BAYOU LA BATRE UTILITIES	8/5/2020	Operation and Maintenance
BEAR CREEK WATER WORKS	9/2/2020	Operation and Maintenance
BEATRICE WATER SYSTEM	2/26/2020	Operation and Maintenance
BEAUREGARD WATER AUTHORITY	3/2/2020	Operation and Maintenance
BELFOREST WATER SYSTEM	7/16/2020	Operation and Maintenance
BELFOREST WATER SYSTEM	6/11/2020	Sampling

BELFOREST WATER SYSTEM	3/19/2020	Sampling
BELFOREST WATER SYSTEM	12/9/2019	Sampling
BELFOREST WATER SYSTEM	7/21/2020	Sampling
BELK WATER SYSTEM	6/4/2020	Operation and Maintenance
BERRY WATER DEPARTMENT, TOWN OF	7/22/2020	Operation and Maintenance
BESSEMER WATER SERVICE	6/25/2020	Operation and Maintenance
BETHEL WATER SYSTEM	1/22/2020	Sanitary Survey
BEULAH UTILITIES DISTRICT	7/14/2020	Sampling
BEULAH UTILITIES DISTRICT	8/28/2020	Operation and Maintenance
BEULAH UTILITIES DISTRICT	4/21/2020	Sampling
BEULAH UTILITIES DISTRICT	1/15/2020	Sampling
BIG OAK CAMPGROUND	8/3/2020	Sanitary Survey
BIG WILLS WATER & FIRE PRO AUTHORITY	7/10/2020	Sanitary Survey
BILLINGSLEY WATER SYSTEM	5/22/2020	Sanitary Survey
BILLINGSLEY WATER SYSTEM	5/29/2020	Sanitary Survey
BIRMINGHAM AL VA MEDICAL CENTER	6/23/2020	Operation and Maintenance
BIRMINGHAM WATER WORKS BOARD	2/24/2020	Other
BIRMINGHAM WATER WORKS BOARD	6/25/2020	Operation and Maintenance
BLACK WATER WORKS	9/23/2020	Sanitary Survey
BLOUNT COUNTY WATER	8/18/2020	Sanitary Survey
BLOUNTSVILLE UTILITIES BOARD	8/19/2020	Sanitary Survey
BLUE HOLE WATER COMPANY, INC., THE	6/10/2020	Sanitary Survey
BLUE SPRINGS WATER WORKS	2/25/2020	Sanitary Survey
BOAZ WATER & SEWER BOARD	7/6/2020	Operation and Maintenance
BOLDO WATER & FIRE PROT. AUTHORITY	11/14/2019	Sanitary Survey
BRANTLEY WATER WORKS	3/6/2020	Operation and Maintenance
BRENT UTILITIES BOARD	7/23/2020	Sanitary Survey
BREWTON WATER WORKS	1/16/2020	Operation and Maintenance
BRIDGEPORT UTILITIES BOARD	1/24/2020	Operation and Maintenance
BRILLIANT WATER WORKS	5/22/2020	Sanitary Survey
BROOKSIDE WATER WORKS	8/6/2020	Operation and Maintenance
BRUNDIDGE WATER DEPARTMENT	2/25/2020	Operation and Maintenance
BUHL, ELROD & HOLMAN WATER AUTHORITY	6/8/2020	Operation and Maintenance
BUTLER COUNTY WATER AUTHORITY	2/26/2020	Operation and Maintenance
BUTLER WATER SYSTEM	8/24/2020	Operation and Maintenance
CAA-CTC PLAINVIEW HEAD START PROGRAM	8/28/2020	Operation and Maintenance
CALERA WATER WORKS	3/5/2020	Sanitary Survey
CALHOUN COUNTY WATER & FIRE PR AUTHORITY	7/9/2020	Operation and Maintenance
CAMDEN WATER & SEWER DEPARTMENT	7/22/2020	Sanitary Survey

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CAMP ALAMISCO	7/30/2020	Operation and Maintenance
CAMP ASCCA	7/30/2020	Operation and Maintenance
CAMP COTTAQUILLA GSA	11/13/2019	Sanitary Survey
CAMP HILL UTILITIES BOARD	7/29/2020	Operation and Maintenance
CAMP LEE	11/13/2019	Sanitary Survey
CAMP MAC	11/1/2019	Sanitary Survey
CAMP SUMATANGA	2/6/2020	Operation and Maintenance
CAMP VICTORY	9/25/2020	Operation and Maintenance
CARBON HILL UTILITIES BOARD	6/4/2020	Sanitary Survey
CARROLLS CREEK WATER AUTHORITY	2/20/2020	Operation and Maintenance
CARROLLTON WATER WORKS	6/18/2020	Operation and Maintenance
CASTLEBERRY WATER SYSTEM	2/11/2020	Sanitary Survey
CEDAR BLUFF UTILITIES BOARD	8/3/2020	Sanitary Survey
CENTRAL ELMORE WATER AUTHORITY	7/22/2020	Sanitary Survey
CENTRAL TALLADEGA COUNTY WATER AUTHORITY	8/12/2020	Operation and Maintenance
CENTRE WATER & SEWER BOARD	7/7/2020	Sanitary Survey
CENTREVILLE WATER & SEWER	6/17/2020	Sanitary Survey
CHANDLER MTN/GREASY COVE WATER AUTHORITY	2/4/2020	Sanitary Survey
CHATOM UTILITIES BOARD	8/25/2020	Sanitary Survey
CHATTAHOOCHEE VALLEY WATER SUPPLY DIST	1/24/2020	Operation and Maintenance
CHEAHA STATE PARK	11/1/2019	Sanitary Survey
CHEROKEE COUNTY WATER AUTHORITY	7/7/2020	Operation and Maintenance
CHEROKEE WATER & GAS DEPARTMENT	6/22/2020	Operation and Maintenance
CHILDERSBURG WATER & SEWER BOARD	6/3/2020	Operation and Maintenance
CHILDREN'S BIBLE MINISTRIES OF NORTH AL	2/18/2020	Sanitary Survey
CHILTON WATER AUTHORITY	6/16/2020	Operation and Maintenance
CHISHOLM HEIGHTS WATER & F P AUTHORITY	5/19/2020	Sanitary Survey
CHOCTAW-EDNA WATER AUTHORITY, INC.	6/16/2020	Operation and Maintenance
CITIZENS WATER SERVICE, INC.	6/8/2020	Operation and Maintenance
CLANTON WATER DEPARTMENT	8/12/2020	Sanitary Survey
CLAY COUNTY WATER AUTHORITY	8/6/2020	Operation and Maintenance
CLAY COUNTY WATER AUTHORITY	2/25/2020	Other
CLAYTON WATER WORKS & SEWER	2/13/2020	Sanitary Survey
CLEAR CREEK HARBOR, LLC	11/11/2019	Sanitary Survey
CLEBURNE COUNTY WATER AUTHORITY	5/28/2020	Sanitary Survey
CLEVELAND WATER WORKS	2/6/2020	Operation and Maintenance
CLIO WATER WORKS	2/24/2020	Sanitary Survey

COALING WATER AUTHORITY	2/19/2020	Sanitary Survey
COASTAL FOREST PRODUCTS, LLC	9/4/2020	Sanitary Survey
COFFEE COUNTY WATER AUTHORITY	6/30/2020	Sanitary Survey
COFFEEVILLE WATER WORKS (TOWN OF)	9/23/2020	Operation and Maintenance
COKER WATER AUTHORITY	6/12/2020	Sanitary Survey
COLBERT COUNTY RURAL WATER SYSTEM	7/7/2020	Sanitary Survey
COLEMAN LAKE USFS REC AREA	2/20/2020	Sanitary Survey
COLLINSVILLE WATER WORKS	10/22/2019	Operation and Maintenance
COLUMBIA WATER WORKS	7/21/2020	Sanitary Survey
COLUMBIANA WATER WORKS	3/12/2020	Operation and Maintenance
COOK SPRINGS WATER AUTHORITY	8/21/2020	Sanitary Survey
COOSA PINES RECREATION ASSOC., INC.	1/24/2020	Sanitary Survey
COOSA VALLEY WATER SUPPLY DISTRICT	2/27/2020	Operation and Maintenance
COPELAND FERRY/PUMPKIN CENTER WA	7/29/2020	Operation and Maintenance
CORDOVA WATER WORKS & GAS BOARD	7/29/2020	Operation and Maintenance
COTTONWOOD WATER WORKS	9/10/2020	Sanitary Survey
COVINGTON COUNTY WATER AUTHORITY	6/25/2020	Operation and Maintenance
COWARTS WATER SYSTEM	9/10/2020	Sanitary Survey
COWIKEE WATER AUTHORITY	7/9/2020	Sanitary Survey
CROSSVILLE WATER BOARD	7/6/2020	Sanitary Survey
CUBA WATER BOARD	6/16/2020	Operation and Maintenance
CULLMAN COUNTY WATER DEPARTMENT	7/16/2020	Operation and Maintenance
CULLMAN UTILITIES BOARD	8/20/2020	Operation and Maintenance
CULLMAN WATER WORKS, CITY OF	7/17/2020	Operation and Maintenance
CUMBERLAND MOUNTAIN WATER	2/20/2020	Operation and Maintenance
CURRY WATER AUTHORITY	11/13/2019	Sanitary Survey
CWM WATER AUTHORITY	9/9/2020	Operation and Maintenance
DADEVILLE WATER WORKS & SEWAGE BOARD	7/29/2020	Operation and Maintenance
DALE COUNTY WATER AUTHORITY	8/7/2020	Sanitary Survey
DALEVILLE WATER & SEWER BOARD	8/7/2020	Sanitary Survey
DALLAS COUNTY WATER & SEWER AUTHORITY	8/11/2020	Sanitary Survey
DAPHNE (UTILITIES BOARD OF THE CITY OF)	7/16/2020	Sanitary Survey
DAUPHIN ISLAND WATER & SEWER	8/4/2020	Operation and Maintenance
DAVISTON WATER SYSTEM (TOWN OF)	7/31/2020	Sanitary Survey
DECATUR (MUNICIPAL UTILITIES BOARD OF)	6/16/2020	Sanitary Survey
DEER PARK-VINEGAR BEND WATER & FPA	8/25/2020	Sanitary Survey
DEKALB-JACKSON WATER SUPPLY DISTRICT	7/9/2020	Sanitary Survey

DEMOPOLIS WATER WORKS AND SEWER BOARD	7/22/2020	Operation and Maintenance
DETROIT WATER WORKS	8/4/2020	Operation and Maintenance
DOLLAR GENERAL #19936 GORDON, AL	9/10/2020	Sanitary Survey
DOLLAR GENERAL #20059, AUBURN, AL	3/2/2020	Sanitary Survey
DOLLAR GENERAL-BROADWAY GROUP, LLC	6/18/2020	Operation and Maintenance
DORA UTILITIES	7/31/2020	Operation and Maintenance
DOTHAN UTILITIES (CITY OF)	8/27/2020	Sanitary Survey
DOUBLE SPRINGS (TOWN OF) W&S BOARD	9/4/2020	Operation and Maintenance
DOUGLAS WATER AUTHORITY	2/24/2020	Operation and Maintenance
DOZIER WATER WORKS	3/6/2020	Operation and Maintenance
EAST ALABAMA WATER & FIRE PRO DISTRICT	8/27/2020	Sanitary Survey
EAST BREWTON WATER & SEWER BOARD	1/16/2020	Operation and Maintenance
EAST CENTRAL BALDWIN COUNTY WATER & FPA	9/1/2020	Operation and Maintenance
EAST CULLMAN WATER SYSTEM	7/15/2020	Sanitary Survey
EAST LAUDERDALE COUNTY WATER AUTHORITY	2/3/2020	Operation and Maintenance
EAST LOWNDES WATER ASSOCIATION	6/3/2020	Sanitary Survey
ECH AAF	11/20/2019	Operation and Maintenance
ECLECTIC WATER WORKS & SEWER BOARD	10/10/2019	Sanitary Survey
EDWARDSVILLE WATER & FIRE PRO AUTHORITY	5/28/2020	Operation and Maintenance
ELBA WATER WORKS	3/4/2020	Operation and Maintenance
ELDRIDGE WATER SYSTEM	7/24/2020	Sanitary Survey
ELKMONT WATER WORKS	10/23/2019	Operation and Maintenance
ELMORE WATER & SEWER AUTHORITY	6/24/2020	Operation and Maintenance
ENERGY CENTER WATER SYSTEM	6/24/2020	Operation and Maintenance
ENGLEWOOD-HULLS WATER SYSTEM, INC.	2/21/2020	Operation and Maintenance
ENTERPRISE WATER WORKS	7/1/2020	Sanitary Survey
EQUITY GROUP - EUFAULA DIVISION, LLC	9/4/2020	Operation and Maintenance
ESCAMBIA COMMUNITY UTILITIES LLC	2/12/2020	Operation and Maintenance
EUFAULA WATER WORKS	2/11/2020	Operation and Maintenance
EUREKA WATER SERVICE, INC.	9/9/2020	Sanitary Survey
EUTAW WATER DEPARTMENT	8/6/2020	Operation and Maintenance
EVERGREEN ESTATES	1/21/2020	Sanitary Survey
EVERGREEN WATER WORKS	6/10/2020	Operation and Maintenance
EXCEL WATER SYSTEM	1/22/2020	Operation and Maintenance
FACKLER TRUCK STOP	10/25/2019	Sanitary Survey
FAIRHOPE WATER SYSTEM (CITY OF)	7/15/2020	Operation and Maintenance
FAIRVIEW WATER SYSTEM (CONECUH)	1/7/2020	Operation and Maintenance

FALKVILLE WATER WORKS	1/31/2020	Sanitary Survey
FARLEY NUCLEAR PLANT	9/10/2020	Sanitary Survey
FAUNSDALE WATER WORKS	7/15/2020	Operation and Maintenance
FAYETTE CO. WATER COORD. & F. P. A.	6/4/2020	Operation and Maintenance
FAYETTE WATER WORKS BOARD	7/20/2020	Sanitary Survey
FAYETTEVILLE WATER AUTHORITY	6/9/2020	Operation and Maintenance
FIVE STAR WATER SUPPLY DISTRICT	1/30/2020	Operation and Maintenance
FLOMATON WATER WORKS	6/11/2020	Sanitary Survey
FLORALA REST AREA (U.S. 331)	9/24/2020	Operation and Maintenance
FLORALA WATER WORKS & SEWER BOARD	6/5/2020	Operation and Maintenance
FLORENCE WATER-WASTEWATER DEPARTMENT	2/6/2020	Operation and Maintenance
FOLEY (UTILITIES BOARD OF THE CITY OF)	11/8/2019	Operation and Maintenance
FORDS VALLEY & HWY 278 WATER	7/7/2020	Operation and Maintenance
FORKLAND WATER SYSTEM	7/22/2020	Operation and Maintenance
FORT DEPOSIT WATER & SEWER BOARD	1/29/2020	Operation and Maintenance
FORT PAYNE WATER WORKS BOARD	8/18/2020	Operation and Maintenance
FORT RUCKER - AMERICAN WATER	11/20/2019	Operation and Maintenance
FORT RUCKER - AMERICAN WATER	7/24/2020	Sanitary Survey
FORWARD OPERATING BASE	11/20/2019	Operation and Maintenance
FOSTERS-RALPH WATER AUTHORITY	6/12/2020	Sanitary Survey
FRANKLIN COUNTY WATER SERVICES AUTHORITY	7/8/2020	Operation and Maintenance
FRANKLIN WATER SYSTEM (TOWN OF)	1/16/2020	Operation and Maintenance
FRANKVILLE WATER & FIRE PRO AUTHORITY	8/26/2020	Operation and Maintenance
FREEMANVILLE WATER SYSTEM	2/12/2020	Sanitary Survey
FRIENDSHIP WATER WORKS	10/10/2019	Sanitary Survey
FRISCO CITY WATER SYSTEM	1/22/2020	Operation and Maintenance
FRUITDALE WATER SYSTEM	8/25/2020	Sanitary Survey
FT MITCHELL WATER SYSTEM	1/30/2020	Operation and Maintenance
FT MITCHELL WATER SYSTEM	1/30/2020	Other
FULTON (UTILITIES BOARD OF THE TOWN OF)	9/10/2020	Operation and Maintenance
GADSDEN WATER WORKS AND SEWER BOARD	5/29/2020	Operation and Maintenance
GANTT WATER SYSTEM	9/10/2020	Sanitary Survey
GARDEN CITY WATER DEPARTMENT	7/16/2020	Operation and Maintenance
GENEVA WATER WORKS	9/24/2020	Sanitary Survey
GEORGIANA WATER WORKS & SEWER BOARD	2/28/2020	Operation and Maintenance
GILBERTOWN (UTILITIES BOARD OF TOWN OF)	8/26/2020	Sanitary Survey
GLEN ALLEN WATER SYSTEM	7/24/2020	Operation and Maintenance

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GLENCOE WATER WORKS BOARD	8/21/2020	Operation and Maintenance
GLENWOOD WATER WORKS	9/11/2020	Sanitary Survey
GOLDEN ROD BROILERS	8/19/2020	Operation and Maintenance
GOODWATER WTR WORKS & SEWER BD (CITY OF)	6/4/2020	Sanitary Survey
GORDO WTR GAS & SEWER BOARD	8/4/2020	Operation and Maintenance
GORDON TOWN OF	9/10/2020	Sanitary Survey
GOSHEN WATER WORKS DIST SYSTEM	2/25/2020	Sanitary Survey
GOVERNMENTAL UTILITY SERVICE CORPORATION	10/30/2019	Sanitary Survey
GRAND BAY WATER WORKS BOARD	8/4/2020	Sanitary Survey
GRAYSVILLE WATER & SEWER BOARD	8/12/2020	Sanitary Survey
GREEN PARK SOUTH MOBILE HOME PARK	11/19/2019	Sanitary Survey
GREEN POND WATER SYSTEM	7/29/2020	Sanitary Survey
GREENE COUNTY STEAM PLANT	6/17/2020	Operation and Maintenance
GREENE COUNTY WATER AUTHORITY	8/6/2020	Operation and Maintenance
GREENETRACK, INC	6/17/2020	Operation and Maintenance
GREENHILL WATER & FIRE PRO AUTHORITY	2/7/2020	Sanitary Survey
GREENHILL WATER & FIRE PRO AUTHORITY	3/3/2020	Sampling
GREENHILL WATER & FIRE PRO AUTHORITY	6/4/2020	Sampling
GREENSBORO (UTILITIES BD OF THE CITY OF)	8/3/2020	Operation and Maintenance
GREENVILLE WATER WORKS	2/27/2020	Operation and Maintenance
GROVE HILL WATER WORKS	9/8/2020	Operation and Maintenance
GUIN WATER & SEWER BOARD	5/18/2020	Operation and Maintenance
GULF SHORES (UTILITIES BOARD CITY OF)	11/7/2019	Operation and Maintenance
GUNTERSVILLE WATER WORKS & SEWER BOARD	1/23/2020	Operation and Maintenance
GURLEY WATER SYSTEM	1/29/2020	Operation and Maintenance
HACKLEBURG WATER & SEWER BOARD	9/3/2020	Operation and Maintenance
HACKNEYVILLE WATER & FIRE PRO AUTHORITY	7/31/2020	Operation and Maintenance
HALE COUNTY WATER AUTHORITY	8/3/2020	Operation and Maintenance
HALEYVILLE WATER WORKS & SEWER BOARD	9/2/2020	Operation and Maintenance
HAMDEN RIDGE WATER AUTHORITY	6/10/2020	Operation and Maintenance
HAMILTON WATER AND WASTEWATER DEPARTMENT	5/19/2020	Sanitary Survey
HANCEVILLE (THE WWSB OF THE CITY OF)	2/6/2020	Operation and Maintenance
HARPERVILLE WATER SYSTEM	11/7/2019	Sanitary Survey
HARTFORD WATER WORKS	9/23/2020	Sanitary Survey
HARTSELLE UTILITY BOARD	1/31/2020	Sanitary Survey

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HARVEST-MONROVIA WATER SYSTEM	3/3/2020	Sampling
HARVEST-MONROVIA WATER SYSTEM	6/3/2020	Sampling
HARVEST-MONROVIA WATER SYSTEM	6/17/2020	Sanitary Survey
HARVEST-MONROVIA WATER SYSTEM	9/10/2020	Sampling
HAWK PRIDE MT WATER SYSTEM	7/6/2020	Operation and Maintenance
HAYDEN WATER WORKS	6/10/2020	Sanitary Survey
HAYNEVILLE WATER DEPARTMENT	1/29/2020	Operation and Maintenance
HEADLAND WATER WORKS	7/7/2020	Sanitary Survey
HEATH WATER SYSTEM	9/10/2020	Sanitary Survey
HEFLIN WATER WORKS	2/25/2020	Operation and Maintenance
HELENA UTILITY BOARD	7/23/2020	Sanitary Survey
HENRY COUNTY WATER AUTHORITY	1/31/2020	Sanitary Survey
HIGH BLUFF AAF	11/20/2019	Operation and Maintenance
HIGHLAND WATER AUTHORITY	7/7/2020	Operation and Maintenance
HILLTOP RV PARK	9/29/2020	Sanitary Survey
HOBSON CITY WATER SYSTEM	1/23/2020	Operation and Maintenance
HOBSON WATER SYSTEM	8/26/2020	Sanitary Survey
HODGES WATER SYSTEM	7/9/2020	Operation and Maintenance
HOKES BLUFF WATER BOARD	8/19/2020	Operation and Maintenance
HOLLINS WATER AUTHORITY	6/18/2020	Operation and Maintenance
HOLTVILLE WATER SYSTEM	4/20/2020	Sampling
HOLTVILLE WATER SYSTEM	6/2/2020	Sanitary Survey
HOLTVILLE WATER SYSTEM	6/9/2020	Sampling
HOLTVILLE WATER SYSTEM	6/23/2020	Sampling
HOUSTON COUNTY WATER AUTHORITY	9/8/2020	Sanitary Survey
HUBBARD LANDING, INC	9/30/2020	Sanitary Survey
HUGULEY WATER AUTHORITY	8/28/2020	Sanitary Survey
HUNTSVILLE UTILITIES	7/30/2020	Sanitary Survey
HURTSBORO WATER & SEWER BOARD	1/30/2020	Operation and Maintenance
HURTSBORO WATER & SEWER BOARD	1/30/2020	Site Inspection
I-65 RV CAMPGROUND	8/27/2020	Operation and Maintenance
INTERNATIONAL PAPER (AUTAUGA CO.)	1/21/2020	Sanitary Survey
INTERNATIONAL PAPER COMPANY (SELMA)	9/11/2020	Operation and Maintenance
IRONDALE WATER SYSTEM	2/24/2020	Operation and Maintenance
JACK WATER SYSTEM, INC	3/4/2020	Operation and Maintenance
JACKSON COUNTY WATER AUTHORITY	10/24/2019	Operation and Maintenance
JACKSON COUNTY WATER AUTHORITY	2/19/2020	Sanitary Survey
JACKSON WATER WORKS & SEWER BOARD	9/9/2020	Operation and Maintenance
JACKSONS GAP WATER AUTHORITY	7/30/2020	Operation and Maintenance
JACKSONVILLE WATER WORKS, GAS AND SEWER	1/23/2020	Operation and Maintenance



JASPER WATER WORKS AND SEWER BOARD	7/21/2020	Operation and Maintenance
JCG FOODS OF ALABAMA LLC	8/4/2020	Sanitary Survey
JEMISON WATER WORKS	12/20/2019	Operation and Maintenance
JOHNSONS CROSSING WATER SYSTEM	7/16/2020	Operation and Maintenance
JOPPA, HULACO & RYAN WATER AUTHORITY	7/16/2020	Operation and Maintenance
KANSAS WATER SYSTEM	6/5/2020	Operation and Maintenance
KELLYTON WATER SYSTEM	6/4/2020	Sanitary Survey
KENNEDY WATER WORKS BOARD	8/4/2020	Operation and Maintenance
KINSEY WATER SYSTEM	9/9/2020	Sanitary Survey
KINSTON WATER WORKS	7/2/2020	Sanitary Survey
KUSHLA WATER DISTRICT	9/23/2020	Operation and Maintenance
LAD MARINA & CAMPGROUND	8/3/2020	Sanitary Survey
LAFAYETTE WATER WORKS	6/8/2020	Operation and Maintenance
LAGRANGE MOUNTAIN WATER AUTHORITY	10/18/2019	Operation and Maintenance
LAKE MITCHELL WATER, INCORPORATED	6/3/2020	Sanitary Survey
LAKE THOLOCCO RECREATION AREA - AMERICAN	11/20/2019	Operation and Maintenance
LANETT WATER WORKS	8/28/2020	Operation and Maintenance
LEEDS WATER BOARD	2/26/2020	Operation and Maintenance
LEIGHTON (WSB OF THE TOWN OF)	7/10/2020	Sanitary Survey
LEMOYNE WATER SYSTEM, INC.	9/23/2020	Operation and Maintenance
LEROY WATER AUTHORITY	8/27/2020	Sanitary Survey
LEVEL PLAINS WATER SYSTEM	8/6/2020	Sanitary Survey
LEXINGTON WATER WORKS AND SEWER	5/19/2020	Sanitary Survey
LIFELINK CAREER RESOURCE CENTER, INC	1/22/2020	Sanitary Survey
LIMESTONE COUNTY WATER SYSTEM	9/16/2020	Operation and Maintenance
LINCOLN (CITY OF)	8/12/2020	Sanitary Survey
LINDEN UTILITIES BOARD	7/15/2020	Operation and Maintenance
LINEVILLE WATER WORKS BOARD	6/18/2020	Operation and Maintenance
LITTLE WAXIE WATER AUTHORITY	1/30/2020	Sanitary Survey
LITTLEVILLE WATERWORKS	5/20/2020	Operation and Maintenance
LIVINGSTON WATER WORKS	8/6/2020	Operation and Maintenance
LOACHAPOKA WATER AUTHORITY	3/3/2020	Operation and Maintenance
LOCKHART WATER WORKS	6/5/2020	Operation and Maintenance
LOGAN LANDING RV RESORT & CAMPGROUND	1/24/2020	Sanitary Survey
LOUISVILLE WATER WORKS	2/24/2020	Sanitary Survey
LOWNDES COUNTY WATER SYSTEM	11/25/2019	Sampling
LOWNDES COUNTY WATER SYSTEM	1/31/2020	Operation and Maintenance
LOWNDESBORO WATER SYSTEM	2/27/2020	Sanitary Survey

LOXLEY (TOWN OF)	11/6/2019	Operation and Maintenance
LUVERNE WATER & SEWER DEPARTMENT	2/7/2020	Sanitary Survey
LYEFFION WATER AND FIRE PRO AUTHORITY	9/10/2020	Operation and Maintenance
LYNN WATER WORKS	7/30/2020	Sanitary Survey
MACON COUNTY WATER AUTHORITY	1/13/2020	Operation and Maintenance
MACON COUNTY WATER AUTHORITY	1/13/2020	Site Inspection
MADISON COUNTY WATER DEPARTMENT	9/17/2020	Operation and Maintenance
MADISON WATER WORKS & SEWER	6/19/2020	Sanitary Survey
MALVERN WATER DEPARTMENT	9/25/2020	Sanitary Survey
MAPLESVILLE WATER WORKS	12/20/2019	Operation and Maintenance
MARBURY WATER SYSTEM, INC.	10/29/2019	Sampling
MARBURY WATER SYSTEM, INC.	5/28/2020	Sanitary Survey
MARBURY WATER SYSTEM, INC.	11/13/2019	Sampling
MARBURY WATER SYSTEM, INC.	11/25/2019	Sampling
MARGARET WATER WORKS	6/12/2020	Sanitary Survey
MARION COUNTY PUBLIC WATER AUTHORITY	9/3/2020	Operation and Maintenance
MARION WATER DEPARTMENT	9/4/2020	Operation and Maintenance
MCB WATER AUTHORITY, INC.	9/23/2020	Operation and Maintenance
MCCALL WATER SYSTEM INC	6/10/2020	Operation and Maintenance
MCINTOSH WATER & FIRE PRO AUTHORITY	8/25/2020	Operation and Maintenance
MCKENZIE WATER BOARD	2/28/2020	Sanitary Survey
MCVAY WATER SYSTEM	8/14/2020	Operation and Maintenance
MEXIA WATER SYSTEM, INC.	6/12/2020	Operation and Maintenance
MID-CENTRAL WATER AUTHORITY	8/14/2020	Operation and Maintenance
MID-CLARKE WATER SYSTEM	8/13/2020	Operation and Maintenance
MIDLAND CITY WATER DEPARTMENT	7/22/2020	Sanitary Survey
MIDWAY WATER WORKS	7/17/2020	Sanitary Survey
MILLBROOK UTILITIES	1/30/2020	Sanitary Survey
MILLBROOK UTILITIES	4/20/2020	Sampling
MILLBROOK UTILITIES	8/25/2020	Sampling
MILLERS FERRY WATER AUTHORITY, INC.	7/22/2020	Operation and Maintenance
MILLERVILLE WATER & FIRE PRO AUTHORITY	6/19/2020	Operation and Maintenance
MILLPORT WATER WORKS	8/5/2020	Operation and Maintenance
MILLRY WATER WORKS	8/26/2020	Sanitary Survey
MITCHELL WATER SYSTEM INC	2/21/2020	Operation and Maintenance
MOBILE BOARD OF WATER AND SEWER COMM.	9/11/2020	Sanitary Survey
MOBILE COUNTY WATER & FIRE PRO AUTHORITY	9/24/2020	Operation and Maintenance

MONROEVILLE (WATER WORKS BD. OF CITY OF)	2/26/2020	Operation and Maintenance
MONTEVALLO WATER WORKS & SEWER	7/23/2020	Sanitary Survey
MONTGOMERY WATER WORKS	8/14/2020	Operation and Maintenance
MOSSES WATER & FIRE PRO AUTHORITY	10/29/2019	Operation and Maintenance
MOULTON WATER WORKS BOARD	2/4/2020	Operation and Maintenance
MOUNDVILLE WATER WORKS	8/3/2020	Operation and Maintenance
MT ANDREW WATER AUTHORITY	9/4/2020	Sanitary Survey
MT. VERNON (TOWN OF)	9/9/2020	Operation and Maintenance
MULGA WATER WORKS AND GAS DEPARTMENT	8/5/2020	Sanitary Survey
MUNFORD WATER AUTHORITY, INC.	8/12/2020	Operation and Maintenance
MUSCLE SHOALS UTILITY BOARD	6/23/2020	Sanitary Survey
MYRTLEWOOD WATER SYSTEM	7/9/2020	Operation and Maintenance
NAPIER FIELD WATER SYSTEM	9/25/2020	Operation and Maintenance
NATCHEZ TRACE PARKWAY	5/20/2020	Sanitary Survey
NAUVOO WATER WORKS	7/30/2020	Sanitary Survey
NE MORGAN CO WATER AND SEWER AUTHORITY	1/30/2020	Sanitary Survey
NECTAR WATER SYSTEM	8/19/2020	Sanitary Survey
NEW BROCKTON WATER DEPARTMENT	7/7/2020	Sanitary Survey
NEW HOPE WATER SYSTEM	10/23/2019	Operation and Maintenance
NEW LONDON WATER & FIRE PRO AUTHORITY	8/3/2020	Operation and Maintenance
NEW LONDON WATER & FIRE PRO AUTHORITY	12/12/2019	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	3/2/2020	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	6/3/2020	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	7/15/2020	Sampling
NEW SITE WATER SYSTEM	7/31/2020	Sanitary Survey
NEWTON WATER WORKS BOARD	7/7/2020	Sanitary Survey
NEVILLE WATER SYSTEM	7/22/2020	Sanitary Survey
NORTH BALDWIN UTILITIES	7/15/2020	Operation and Maintenance
NORTH CHOCTAW WATER & SEWER AUTHORITY	8/24/2020	Sanitary Survey
NORTH CLARKE WATER AUTHORITY	8/13/2020	Operation and Maintenance
NORTH DALLAS WATER AUTHORITY	8/11/2020	Sanitary Survey
NORTH MARSHALL UTILITIES	1/21/2020	Operation and Maintenance
NORTHEAST ALABAMA WATER SYSTEM	7/8/2020	Sanitary Survey
NORTHEAST ETOWAH COUNTY WATER CO-OP	7/7/2020	Operation and Maintenance
NORTHPORT WATER WORKS	6/9/2020	Operation and Maintenance

NORTHWEST ST CLAIR WATER SYSTEM	6/11/2020	Sanitary Survey
NOTASULGA WATER SYSTEM	1/16/2020	Operation and Maintenance
OAKMAN WATER WORKS	11/14/2019	Sanitary Survey
OASIS TRAVEL CENTER	9/29/2020	Sanitary Survey
ODENVILLE (UTIL BOARD OF THE TOWN OF)	7/8/2020	Sanitary Survey
OHATCHEE WATER SYSTEM	1/23/2020	Sanitary Survey
OLD CAHAWBA ARCHAEOLOGICAL PARK	2/3/2020	Sanitary Survey
OLD LINE WATER SYSTEM	9/23/2020	Operation and Maintenance
ONEONTA UTILITIES BOARD	8/17/2020	Sanitary Survey
OPELIKA UTILITIES	7/8/2020	Operation and Maintenance
OPP UTILITIES BOARD	7/1/2020	Operation and Maintenance
ORANGE BEACH WATER, SEWER AND F.P.A.	9/1/2020	Operation and Maintenance
ORRVILLE WATER DEPARTMENT (TOWN OF)	6/30/2020	Operation and Maintenance
OWASSA-BROWNSVILLE WATER AUTHORITY	12/11/2019	Sampling
OWASSA-BROWNSVILLE WATER AUTHORITY	3/18/2020	Sampling
OWASSA-BROWNSVILLE WATER AUTHORITY	6/10/2020	Operation and Maintenance
OWASSA-BROWNSVILLE WATER AUTHORITY	6/10/2020	Sampling
OWASSA-BROWNSVILLE WATER AUTHORITY	8/18/2020	Sampling
OWENS CROSSROADS WATER AUTHORITY	11/22/2019	Operation and Maintenance
OXFORD WATER WORKS & SEWER BOARD	12/12/2019	Operation and Maintenance
OZARK UTILITIES BOARD	6/18/2020	Sampling
OZARK UTILITIES BOARD	7/20/2020	Sanitary Survey
OZARK UTILITIES BOARD	8/19/2020	Sampling
OZARK UTILITIES BOARD	11/21/2019	Sampling
PARK CITY WATER AUTHORITY, INC	9/30/2020	Sanitary Survey
PARKER CREEK WATER COMPANY	6/3/2020	Sanitary Survey
PARRISH WATER WORKS BOARD	11/15/2019	Sanitary Survey
PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM	12/20/2019	Operation and Maintenance
PELHAM WATER WORKS	7/23/2020	Operation and Maintenance
PELL CITY WATER WORKS	7/6/2020	Sanitary Survey
PENNINGTON (UTILITIES BOARD OF)	8/24/2020	Operation and Maintenance
PERDIDO BAY WATER, SEWER & FPA	9/2/2020	Operation and Maintenance
PERRY COUNTY WATER AUTHORITY	6/19/2020	Operation and Maintenance
PETERSON WATER SYSTEM	2/19/2020	Operation and Maintenance
PHENIX CITY UTILITIES	8/6/2020	Sanitary Survey
PHIL CAMPBELL WATER WORKS	5/21/2020	Operation and Maintenance

PICKENS COUNTY WATER & F. P. AUTHORITY	8/5/2020	Operation and Maintenance
PIEDMONT UTILITIES BOARD	11/22/2019	Operation and Maintenance
PIKE COUNTY WATER AUTHORITY	11/25/2019	Sanitary Survey
PILGRIM-PROVIDENCE WATER AUTHORITY	7/24/2020	Operation and Maintenance
PILGRIMS PRIDE CORPORATION	9/24/2020	Operation and Maintenance
PINCKARD WATER DEPARTMENT	7/7/2020	Sanitary Survey
PINE APPLE WATER WORKS	7/22/2020	Operation and Maintenance
PINE BLUFF WATER AUTHORITY	8/13/2020	Sanitary Survey
PINE HILL WATER DEPARTMENT	9/1/2020	Operation and Maintenance
PINE LEVEL WATER AUTHORITY	8/14/2020	Operation and Maintenance
PINEDALE SHORES WSFPA	2/4/2020	Sanitary Survey
PINTLALA WATER SYSTEM, INC.	6/24/2020	Operation and Maintenance
PISGAH WATER WORKS	8/17/2020	Operation and Maintenance
PLURIS ALABAMA LLC	2/3/2020	Operation and Maintenance
POLLARD WATER SYSTEM	6/11/2020	Operation and Maintenance
PRATTVILLE (WATER WORKS BOARD OF)	8/14/2020	Operation and Maintenance
PRICHARD WATER WORKS BOARD	7/13/2020	Sanitary Survey
PROVIDENCE WATER AUTHORITY	11/14/2019	Sanitary Survey
QUINT-MAR WATER AUTHORITY	1/30/2020	Operation and Maintenance
QUINT-MAR WATER AUTHORITY	7/20/2020	Sampling
RAGLAND (THE WW BOARD OF THE TOWN OF)	7/9/2020	Sanitary Survey
RAINBOW CITY UTILITIES BOARD	7/8/2020	Operation and Maintenance
RAMER WATER COMPANY, INC.	7/24/2020	Operation and Maintenance
RANBURNE WATER & SEWER DEPARTMENT	5/28/2020	Sanitary Survey
RANDOLPH COUNTY WATER & SEWER AUTHORITY	9/10/2020	Operation and Maintenance
RANDOLPH WATER SYSTEM	12/20/2019	Operation and Maintenance
RANGE CONTROL	11/20/2019	Operation and Maintenance
RAY COMMUNITY WATER & FIRE PRO AUTHORITY	10/30/2019	Sanitary Survey
RED BAY WATER & GAS BOARD	7/8/2020	Sanitary Survey
RED LEVEL WATER WORKS	2/11/2020	Sanitary Survey
REECE CITY WATER SYSTEM	7/10/2020	Sanitary Survey
REFORM WATER & SEWER BOARD	8/5/2020	Operation and Maintenance
REMLAP-PINE MTN WATER AUTHORITY	8/14/2020	Sanitary Survey
REPTON WATER WORKS	6/12/2020	Operation and Maintenance
RIVER FALLS WATER SYSTEM	2/11/2020	Sanitary Survey
RIVERSIDE (TOWN OF)	7/9/2020	Operation and Maintenance
RIVERVIEW WATER WORKS	6/10/2020	Operation and Maintenance
ROANOKE (THE UTIL. BD. OF THE CITY OF)	6/10/2020	Sanitary Survey

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ROBERTSDALE (CITY OF)	11/6/2019	Operation and Maintenance
ROCKFORD WATER WORKS	6/3/2020	Sanitary Survey
ROGERSVILLE WATER WORKS & SEWER BOARD	2/25/2020	Operation and Maintenance
RUSSELL COUNTY WATER AUTHORITY	1/29/2020	Site Inspection
RUSSELL COUNTY WATER AUTHORITY	1/29/2020	Operation and Maintenance
RUSSELLVILLE WATER WORKS	6/4/2020	Sampling
RUSSELLVILLE WATER WORKS	7/9/2020	Operation and Maintenance
RUTLEDGE WATER WORKS	2/7/2020	Sanitary Survey
SAMSON WATER WORKS	9/24/2020	Sanitary Survey
SANFORD WATER SYSTEM	9/11/2020	Sanitary Survey
SARALAND WATER SERVICE	9/9/2020	Operation and Maintenance
SARDIS CITY WATER BOARD	7/6/2020	Sanitary Survey
SATSUMA WATER WORKS	9/23/2020	Operation and Maintenance
SCOTTSBORO WATER WORKS	5/28/2020	Sanitary Survey
SECTION-DUTTON WATER SYSTEM	8/19/2020	Operation and Maintenance
SELLERS STATION WATER SYSTEM	7/24/2020	Operation and Maintenance
SELMA WATER WORKS & SEWER BOARD	5/29/2020	Operation and Maintenance
SHEFFIELD UTILITIES DEPARTMENT	6/24/2020	Operation and Maintenance
SHELBY COUNTY WATER SYSTEM	7/7/2020	Operation and Maintenance
SILVERHILL WATER SYSTEM (TOWN OF)	11/6/2019	Sanitary Survey
SLOCOMB WATER WORKS AND SEWER BOARD	9/23/2020	Sanitary Survey
SMITHS WATER AND SEWER AUTHORITY	6/19/2020	Operation and Maintenance
SNEAD WATER WORKS	8/20/2020	Sanitary Survey
SNOWDOUN WATER SYSTEM INC	6/24/2020	Operation and Maintenance
OLON DIXON FORESTRY EDUCATION CENTER	9/24/2020	Operation and Maintenance
SOUTH ALABAMA UTILITIES WATER SYSTEM	9/24/2020	Operation and Maintenance
SOUTH BULLOCK COUNTY WATER AUTHORITY	7/1/2020	Operation and Maintenance
SOUTH CRENSHAW COUNTY WATER AUTHORITY	1/28/2020	Sanitary Survey
SOUTH DALLAS WATER AUTHORITY	6/30/2020	Operation and Maintenance
SOUTH GATE MOBILE HOME PARK	11/19/2019	Sanitary Survey
SOUTH MARENGO CO WATER & FIRE PRO AUTH	6/16/2020	Operation and Maintenance
SOUTHPORT CAMPGROUNDS	9/28/2020	Sanitary Survey
SOUTHSIDE WATER WORKS	2/26/2020	Sanitary Survey
SOUTHWEST ALABAMA WATER AUTHORITY	3/18/2020	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	9/25/2020	Operation and Maintenance

SOUTHWEST ALABAMA WATER AUTHORITY	8/17/2020	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	12/11/2019	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	6/10/2020	Sampling
SPANISH FORT WATER SYSTEM	12/9/2019	Sampling
SPANISH FORT WATER SYSTEM	6/11/2020	Sampling
SPANISH FORT WATER SYSTEM	7/16/2020	Operation and Maintenance
SPANISH FORT WATER SYSTEM	9/18/2020	Sampling
SPRING VALLEY WATER AUTHORITY	10/16/2019	Operation and Maintenance
SPRING VALLEY WATER AUTHORITY	5/18/2020	Sanitary Survey
SPRINGVILLE WATER WORKS	7/10/2020	Sanitary Survey
ST STEPHENS WATER SYSTEM	8/17/2020	Sampling
ST STEPHENS WATER SYSTEM	8/27/2020	Operation and Maintenance
ST. ELMO-IRVINGTON WATER AUTHORITY	9/24/2020	Operation and Maintenance
STAR-MINDINGALL WATER AUTHORITY	1/21/2020	Operation and Maintenance
STAR-MINDINGALL WATER AUTHORITY	1/21/2020	Site Inspection
STEELE WATER WORKS BOARD	2/6/2020	Sanitary Survey
STERRETT-VANDIVER WATER SYSTEM	1/30/2020	Sanitary Survey
STEVENSON (UTIL. BOARD OF THE TOWN OF)	5/26/2020	Sanitary Survey
STEWARTVILLE WATER AUTHORITY	3/12/2020	Operation and Maintenance
STYX RIVER RESORT WATER SYSTEM	9/29/2020	Sanitary Survey
SULLIGENT (CITY OF)	8/4/2020	Operation and Maintenance
SUMITON WATER WORKS BOARD	7/31/2020	Operation and Maintenance
SUMMERDALE WATER WORKS	11/6/2019	Operation and Maintenance
SUMMERDALE WATER WORKS	12/9/2019	Sampling
SUMMERDALE WATER WORKS	3/19/2020	Sampling
SUMMERDALE WATER WORKS	6/10/2020	Sampling
SUMMERDALE WATER WORKS	8/18/2020	Sampling
SUMTER COUNTY WATER AUTHORITY	8/6/2020	Operation and Maintenance
SWAN CREEK COMMUNITY (BSI, LLC)	9/17/2020	Operation and Maintenance
SWEARENGIN WATER SYSTEM	2/18/2020	Sanitary Survey
SWEETWATER WATER & SEWER BOARD	7/9/2020	Operation and Maintenance
SYCAMORE WATER AND SEWER AUTHORITY	6/4/2020	Operation and Maintenance
SYLACAUGA UTILITIES BOARD	6/10/2020	Operation and Maintenance
TAC-X AAF	9/25/2020	Operation and Maintenance
TALLADEGA COUNTY WATER SYSTEM	11/18/2019	Sanitary Survey
TALLADEGA WATER AND SEWER BOARD, CITY OF	6/4/2020	Operation and Maintenance
TALLADEGA-SHELBY WATER TREATMENT PLANT	6/9/2020	Operation and Maintenance

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TALLASSEE WATER WORKS	6/26/2020	Operation and Maintenance
TATE & LYLE SUCRALOSE, INC. WATER SYSTEM	8/27/2020	Sanitary Survey
TAYLOR WATER SYSTEM	9/8/2020	Sanitary Survey
THOMASTON WATER WORKS & GAS BOARD	7/9/2020	Operation and Maintenance
THOMASVILLE WATER WORKS & SEWER BOARD	9/11/2020	Sanitary Survey
THORSBY WATER WORKS BOARD	6/29/2020	Operation and Maintenance
TIBBIE WATER & FIRE PROTECTION AUTHORITY	8/25/2020	Sanitary Survey
TILLISON BEND WATER AUTHORITY	10/25/2019	Operation and Maintenance
TOTH FIELD	11/20/2019	Operation and Maintenance
TOWN CREEK WATER SYSTEM	10/17/2019	Operation and Maintenance
TOWNLEY WATER AUTHORITY	6/5/2020	Operation and Maintenance
TRAINING AREA-15	11/20/2019	Operation and Maintenance
TRI COMMUNITY WATER SYSTEM	11/19/2019	Operation and Maintenance
TRIANA WATER WORKS	1/31/2020	Sanitary Survey
TRINITY WATER WORKS SYSTEM	1/30/2020	Operation and Maintenance
TROY UTILITIES (CITY OF)	11/22/2019	Sanitary Survey
TRUSSVILLE UTILITIES	1/22/2020	Operation and Maintenance
TURNERVILLE WATER & FIRE PRO DISTRICT	9/9/2020	Operation and Maintenance
TUSCALOOSA WATER & SEWER	6/10/2020	Operation and Maintenance
TUSCUMBIA WATER WORKS	6/25/2020	Operation and Maintenance
TUSKEGEE UTILITIES BOARD	8/24/2020	Sanitary Survey
TWIN WATER AUTHORITY	5/22/2020	Sanitary Survey
TYSON FARM, INC. (BLOUNT CO.)	5/29/2020	Sanitary Survey
TYSON FARM, INC. (BLOUNT CO.)	9/9/2020	Sampling
U.S. AMINES LLC- CELANESE CHEMICALS	8/28/2020	Sanitary Survey
UNION GROVE UTILITY BOARD	7/8/2020	Operation and Maintenance
UNION SPRINGS UTIL BOARD	10/1/2019	Sampling
UNION SPRINGS UTIL BOARD	11/13/2019	Sampling
UNION SPRINGS UTIL BOARD	7/17/2020	Operation and Maintenance
UNIONTOWN UTILITIES BOARD	9/2/2020	Operation and Maintenance
UNIVERSITY OF ALABAMA AT BIRMINGHAM	6/24/2020	Operation and Maintenance
UPPER BEAR CREEK WATER AUTHORITY	5/20/2020	Sanitary Survey
URIAH WATER SYSTEM INC.	6/12/2020	Operation and Maintenance
US ARMY GARRISON-REDSTONE ARSENAL	9/15/2020	Operation and Maintenance
V.A.W. WATER SYSTEM, INC	10/25/2019	Sanitary Survey
VALLEY HEAD WATER WORKS BOARD	8/18/2020	Operation and Maintenance
VERNON WATER AND SEWER BOARD	8/4/2020	Operation and Maintenance
VINA WATER WORKS BOARD	10/16/2019	Operation and Maintenance



VINCENT WATER WORKS BOARD	6/3/2020	Operation and Maintenance
WADLEY UTILITIES BOARD	9/10/2020	Operation and Maintenance
WAGARVILLE WATER SYSTEM	7/20/2020	Sampling
WAGARVILLE WATER SYSTEM	8/26/2020	Operation and Maintenance
WALDO WATER SYSTEM	11/11/2019	Sanitary Survey
WALL STREET WATER AUTHORITY	7/30/2020	Sanitary Survey
WALNUT GROVE (TOWN OF)	2/25/2020	Sanitary Survey
WALNUT HILL WATER AUTHORITY	7/30/2020	Sanitary Survey
WALTER WATER AUTHORITY	7/17/2020	Operation and Maintenance
WARRIOR RIVER WATER AUTHORITY	8/5/2020	Operation and Maintenance
WASHINGTON COUNTY WATER AUTHORITY	8/25/2020	Sanitary Survey
WATER WORKS, INC.	8/12/2020	Sanitary Survey
WATTSVILLE WATER AUTHORITY	8/3/2020	Operation and Maintenance
WAYNE FARMS LLC	9/24/2020	Operation and Maintenance
WEAVER WATER SYSTEM	7/9/2020	Operation and Maintenance
WEBB WATER SYSTEM	7/21/2020	Sanitary Survey
WEDOWEE WATER, SEWER, & GAS BOARD	6/9/2020	Operation and Maintenance
WEST AUTAUGA WATER AUTHORITY	5/22/2020	Operation and Maintenance
WEST BANK DAMSITE/GEORGE W ANDREWS	9/18/2020	Operation and Maintenance
WEST BANK DAMSITE/W F GEORGE LAKE	9/18/2020	Operation and Maintenance
WEST BARBOUR COUNTY WATER AUTHORITY	2/25/2020	Sanitary Survey
WEST BLOCTON WATER WORKS	6/18/2020	Sanitary Survey
WEST DALLAS CO WATER AUTHORITY	6/30/2020	Sanitary Survey
WEST ESCAMBIA UTILITIES INC.	2/13/2020	Operation and Maintenance
WEST ETOWAH WATER & FIRE PRO AUTHORITY	2/25/2020	Sanitary Survey
WEST ETOWAH WATER & FIRE PRO AUTHORITY	9/9/2020	Sampling
WEST ETOWAH WATER & FIRE PRO AUTHORITY	3/2/2020	Sampling
WEST JEFFERSON WATER WORKS (TOWN OF)	8/7/2020	Sanitary Survey
WEST LAUDERDALE CO WATER & FPA	8/5/2020	Operation and Maintenance
WEST LAWRENCE WATER COOP	10/17/2019	Operation and Maintenance
WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	9/14/2020	Operation and Maintenance
WESTROCK COATED BOARD, LLC	9/10/2020	Operation and Maintenance
WETUMPKA WATER WORKS & SEWER BOARD	10/11/2019	Sanitary Survey
WHITE HALL WATER BOARD	10/29/2019	Operation and Maintenance
WHITE HOUSE WATER SYSTEM, INC.	7/15/2020	Operation and Maintenance
WHORTON BEND WATER AUTHORITY	8/3/2020	Sanitary Survey

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WILCOX COUNTY WATER AUTHORITY	7/2/2020	Operation and Maintenance
WILDERNESS RV PARK	9/29/2020	Sanitary Survey
WILLS CROSS ROADS WATER SYSTEM	7/21/2020	Sanitary Survey
WILSONVILLE WATER WORKS	11/7/2019	Operation and Maintenance
WILTON WATER WORKS	6/18/2020	Sanitary Survey
WINFIELD WATER WORKS & SEWER BOARD	5/21/2020	Operation and Maintenance
WISE METALS GROUP, LLC (CONSTELLIUM)	6/26/2020	Operation and Maintenance
WOLF CREEK WATER AUTHORITY	6/11/2020	Sanitary Survey
WOODLAND WATER BOARD	7/6/2020	Operation and Maintenance
YORK WATER SYSTEM/CITY OF YORK	8/7/2020	Operation and Maintenance

## **APPENDIX B**

### ***Certified Chemical and Radiological Laboratories***

<i>Laboratory</i>	<i>State</i>
Advanced Environmental Laboratories, Inc.	Alabama
AIRL	Tennessee
Alabama Department of Environmental Management	Alabama
Babcock Laboratories, Inc.	California
Birmingham Water Works Board	Alabama
CMSI Chemical Laboratory	Alabama
Eastern Analytical	New Hampshire
Eberline Services – Oak Ridge Laboratory	Tennessee
EMSL Analytical, Inc.	New Jersey
Energy Testing Laboratory	Wyoming
Pace Analytical National Center for Innovation Decatur	Alabama
Pace Analytical National Center for Innovation Tennessee	Tennessee
Environmental Resource Analysts	Alabama
Eurofins Eaton Analytical	California
Eurofins Eaton Analytical – South Bend	Indiana
Florida Radiochemistry	Florida
Guardian Systems	Alabama
KNL Laboratory Services	Florida
Mobile Field Office – ADEM	Alabama
Montgomery Industrial Waste Laboratory	Alabama
National Testing Laboratories	Michigan
Pace Analytical Services – Mobile	Alabama
Pace Analytical Services - Minnesota.	Minnesota
Pace Analytical Services - Florida	Florida
Pace Analytical Services – Pittsburgh	Pennsylvania
Pace Analytical Services – Madisonville, KY	Kentucky
Southern Environmental Testing	Alabama
Stillbrook Environmental Testing lab	Alabama
Sutherland Environmental Testing Laboratory	Alabama
TestAmerica Pensacola	Florida
TestAmerica Savannah	Georgia
Pace Analytical Tuscaloosa	Alabama
Waypoint Analytical	Tennessee

## **APPENDIX C**

### ***Certified Bacteriological Laboratories***

<i>Laboratory ID</i>	<i>Laboratory</i>	<i>Type</i>
30140	Albertville City Laboratory	Municipal
30080	Alexander City Laboratory	Municipal
30160	Anniston Water Works Laboratory	Municipal
30210	Bessemer Utilities Laboratory	Municipal
30010	Birmingham Water Works Board	Municipal
30270	Bridgeport Water Treatment Plant Laboratory	Municipal
30070	Chattahoochee Valley	Municipal
41080	Environmental Resource Analysts	Commercial
40310	Environmental Technical Services Mobile	Commercial
30240	Five Star Filter Plant Bacteriological Laboratory	Municipal
30030	Gadsden Water Works Laboratory	Municipal
40050	Guardian Systems	Commercial
30300	Houston County Regional Lab	State
20060	Huntsville Utilities Laboratory	Municipal
30250	Limestone County Bacteriological Laboratory	Municipal
30310	Madison County Water Laboratory	Municipal
41760	Mississippi Department of Health	State
10060	Mobile Branch Laboratory	State
30040	Mobile Water Service Laboratory	Municipal
10070	Montgomery Branch Laboratory	State
30220	Montgomery Industrial Waste Laboratory	Municipal
30050	Montgomery Water Works Laboratory	Municipal
30330	Northeast Alabama Water District Testing Laboratory	Municipal
30170	Opelika Water Works Laboratory	Municipal
40810	Pace Analytical Services Mobile	Commercial
40160	Pace Analytical National Center for Innovation Decatur	Commercial
41570	Pace Analytical Montgomery	Commercial
40170	Pace Analytical Tuscaloosa	Commercial
30060	Phenix City Water Works Laboratory	Municipal
41650	Polyenvironmental Corporation	Commercial
30320	Smiths Water Laboratory	Municipal
40570	Southern Environmental Testing	Commercial
30130	Tuscaloosa Water Laboratory	Municipal

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