



# DRINKING WATER BRANCH

# FY2018 ANNUAL REPORT

APRIL 2019



**Water Plant**  
Open House  
Saturday  
October 8th 5pm - 6pm

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**FY2018 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, 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 regulated by the Drinking Water Branch: 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 FY2018, 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 FY2018, there were 23 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 FY2018, there were 46 transient non-community water systems in Alabama.

During FY2018, the Drinking Water Branch conducted 660 site visits, including 587 inspections (i.e. sanitary surveys, technical assistance, etc.) and 69 sampling visits. The Branch issued, renewed, or modified 75 permits in FY2018. There were 19 Notices of Violation (NOV) and five Consent Orders (CO) issued in FY2018.

**Public Participation**

Branch staff continued to be very active in numerous water industry organizations, including making presentations and attending the following:

- Alabama Dept. of Economic and Community Affairs Meetings,
- Community Development Block Grant (CDBG) Project Meetings,
- Alabama Rural Water Association (ARWA) Annual Conference,
- ARWA District Meetings (Board Member Training),
- Alabama Water and Pollution Control Association (AWPCA) – Short Course School,
- AWPCA Regional Training,
- AWPCA Annual Conference

- American Water Works Assoc. (AWWA) Alabama/Mississippi Section Annual Conference,
- ADEM Surface Water Treatment Workshop,
- Association of State Drinking Water Administrators (ASDWA) Spring Conference,
- ASDWA Annual Conference

## 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 legal contract for an adequate water supply.

In FY2018, operating permits were issued/renewed for 28 water systems, and 17 permit modifications were issued for changes in ownership, consolidation of water systems, facility name changes, 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	26	1	1	28
New Water Systems Activated	0	0	0	0
Water Systems Inactivated	2	0	0	2

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 a 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 30 construction permits in FY2018.

Approval to place the permitted project into service is given after submittal of the required information. 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. Record drawings must be provided to ADEM within



30 days of the final inspection or completion on the project. A new water system becomes a regulated public water system 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	161.1	79.6
Customer Services	882	208
Fire Hydrants	344	283
Wells and Capacity (GPM)	6 @ 5,350 combined	1 @ 200
New Water Treatment Plants (MGD)	1 @ 0.057	1 @ 1.0
Additions to WT Plants	N/A	0.71 MG Clearwell
Tanks and Capacity (MG)	7 @ 1.442 combined	1 @ 0.10 combined
Final Project Cost	N/A	\$16,500,486.49

### **Water System Inspection Activities**

The Branch staff inspects all community and non-community systems on an annual basis. At a minimum, every third year a sanitary survey is conducted on each water system in lieu 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 587 inspections (336 sanitary surveys and 251 annual inspections) were conducted in FY2018. Appendix A lists water system inspection activities.

### **SDWIS/State Activities**

In FY2018, 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 attended the 2018 ASDWA/EPA Data Management Users Conference in Salt Lake City, UT during July, 2018 to receive continuing education regarding the SDWIS/STATE program. Continuing education was also provided in Salt Lake City regarding the planned move by EPA and primacy agencies to SDWIS Prime during 2018-2019. 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 develop and maintain the electronic data 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 most 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 protection of public infrastructure is a cornerstone of Alabama's Homeland Security program, especially public drinking water supplies; therefore, the Drinking Water Branch assists water systems to ensure the safety of Alabama's drinking water supply.

The Drinking Water Branch continues to conduct security 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.

To more efficiently communicate with the drinking water utilities in the State, the Branch is constantly updating and maintaining the Drinking Water Utility e-mail distribution list.

### **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 ability to operate in accordance with state and federal requirements. An aspect of this plan involves partnering with the ARWA.

In FY2018, 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 technical, managerial, and financial capacity. ARWA aided three systems' financial capacity by providing assistance with financial reviews, rate studies, grant applications, and billing software upgrades. ARWA also provided assistance to eleven other systems where specific concerns were noted during inspections. The Drinking Water Branch continues to work with these systems to correct any deficiencies noted by ARWA that have yet to be resolved.

Also for FY2018, ADEM prepared the Annual Capacity Development Implementation Report and submitted it to EPA. This report profiled ADEM's work with public drinking water systems to improve their technical, financial, and managerial 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. This Annual Report covers the calendar year 2017 CCRs, which were due by July 1, 2018. Of the 513 water systems required to complete a CCR and Certification Form, all (100%) 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 FY2018, 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.

One new bottled water source was approved in FY2018. Currently, there are five approved sources of bottled water in Alabama. These five sources include two municipal springs and three 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 (GUDI). Alabama has completed a SWAP for all permitted surface water sources. In FY2018, there were 81 water systems utilizing 114 active sources classified as 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 five SWAPs for five new or expanded groundwater sources in FY2018. All of these reports were submitted from existing public water systems. SWAPs have been finalized for four of the new well sources. For the remaining groundwater source, 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 294 UST compliance inspections were completed within wellhead protection areas. During FY2018, approximately 205 corrective action sites were located in designated wellhead protection areas or within one mile of public drinking water wells.

The 2018 Alabama UST Assessment and Remediation Conference was held on May 15 -16 with 147 attendees. The 2018 Alabama Groundwater Conference was held on June 13 with approximately 119 registered attendees. The conference was 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 22 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 proactive participant in the U.S. EPA Region 4 Area Wide Optimization Program (AWOP). 2018 marked the 21<sup>st</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 FY2018.

- Each surface water 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. Additionally, two DW Branch ground water engineers and two Branch environmental scientists participated in AWOP events in FY2018.
- ADEM held the 20<sup>th</sup> Annual Surface Water Meeting in October 2017. Approximately 260 individuals attended the 1½ day meeting. At the meeting, 62 Optimization Awards were awarded to water treatment plants that meet the microbial optimization goals during

calendar year 2016. These 56 WTPs provide water to approximately 2.0 million Alabamians.

- ADEM staff attended three Region 4 AWOP planning meetings and workshops during FY2018. The first was held November 2017 (Frankfort, KY), the second was held April 2018 (Albertville, AL), the third was held in July 2018 (Cincinnati, OH)
- ADEM conducted three sessions of Distribution Performance Based Training during FY2018. The sessions were held on November 1, 2017, March 27, 2018 and May 22, 2018. The water systems in attendance were Central Elmore, Wetumpka, Rockford, Parker Creek and Lake Mitchell.
- ADEM started a new series of Distribution Performance Based Training during FY2018. The first session was held on June 12, 2018. The water systems in attendance were Albertville, Asbury, Boaz, Collinsville, Cumberland Mountain, and Scottsboro.
- ADEM participated in the Alabama Water Pollution Control Association’s Annual Short Course School in September 2018, which was held in Orange Beach, AL.
- In 2016, ADEM began tracking distribution system performance in relation to the DBP goals. Based upon the second Quarter 2018 data, 187 of 243 (77%) 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 55 violation letters (e.g. – Maximum Contaminant Level (MCL) exceedances, Monitoring and Reporting violations, state (non-federal) violations, etc.) were mailed to water systems during FY2018.

**TABLE 3**  
ENFORCEMENT ACTIONS

<b>Enforcement Action</b>	<b>No.</b>
Violation Letters	<b>55</b>
Compliance Meetings	<b>0</b>
Violation Follow-ups	<b>0</b>
Notices of Violation	<b>19</b>
Show Cause Hearings	<b>6</b>
Consent Orders	<b>6</b>
Unilateral Orders	<b>0</b>
Court Cases	<b>0</b>

Nineteen Notice of Violations (NOVs) were issued for systems incurring multiple violations or having multiple deficiencies at one time. Five of the six consent orders issued included a financial penalty. Five orders were issued for numerous system operation and maintenance issues and one

was issued for several Disinfection Byproduct monitoring violations. Six 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 any court cases during FY2018.

## **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 FY2018:

- 515 community water systems were required to monitor monthly for bacteriological contaminants. No system incurred an E. Coli MCL violation. 22 systems were required to conduct a Level One Assessment, and one system was required to conduct a Level Two Assessment (because of two Level One Assessments within a rolling 12 month period). Five systems incurred monitoring violations, with one systems incurring more than one monitoring violation during FY2018.
- 99.0% of community water systems were in compliance with monitoring and reporting requirements, and 95.5% were in compliance with assessment standards or requirements. FY2018 compliance rates were higher than FY2017 for monitoring and reporting requirements and FY2018 compliance rates were approximately the same as FY2017 for assessments.
- 23 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 no systems were required to conduct an assessment.
- 100% of NTNC water system were in compliance with monitoring and reporting requirements.
- 46 Transient Non-Community (TNC) water systems were required to monitor for bacteriological contaminants each month they were providing potable water. No systems incurred 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 FY2018.
- 95.6% of Transient Non-Community systems were in compliance with monitoring and reporting requirements, and 91.3% of the systems were in compliance with assessment standards and requirements. FY 2018 compliance rates were higher than FY2017 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 FY2018 will be included in this annual report. A complete report of chemical compliance data for calendar year 2018 will be included in the 2018 annual violations report which will be produced by June 2019.

The following is a summary for FY2018:

- 113 water systems monitored 168 different sources for inorganic contaminants. All water systems with sources were required to monitor for nitrates. No systems incurred an MCL violation for inorganic contaminants.
- 216 water systems monitored for volatile organic chemicals (VOCs). Of the 395 ground and surface sources analyzed during FY2018, 38 sources had detections for 13 different regulated VOCs. No systems incurred an MCL violation for VOCs.
- 171 water systems monitored for synthetic organic chemicals (SOCs). Of the 349 ground and surface sources analyzed for SOCs, 15 sources had detections for five different regulated SOCs. No systems incurred an MCL violation for SOCs in FY2018.
- 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 FY2018.

## **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 FY2018, the Drinking Water Branch instituted a major undertaking 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 90 water systems monitored for Lead and Copper in FY2018. Four systems, Mid Clarke, Frisco City, Woodland, and Hale County exceeded the copper action level and only one system, Wise Alloys exceeded the lead 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. Dozier incurred a lead and copper monitoring violation by failing to collect the required number of samples and Gordon incurred a lead and copper monitoring violation for failing to submit collected lead and copper samples within the holding time in FY2018.

A complete report of lead and copper compliance data for calendar year 2018 will be included in the 2018 annual violations report, which will be produced by June 2019.

### **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). Three systems incurred MCL violations for HAA5s and six systems incurred MCL violations for TTHMs. This was one less than the number of MCL violations for HAA5s and six more than the number of MCL violations that occurred for TTHMs that occurred in FY2017.

Nine water systems incurred monitoring violations for disinfection byproducts during FY2018. The primary reason for the decreased number of disinfection byproduct monitoring violations in FY2018 was an attempt to educate the systems on the importance of collecting the samples in the proper week in the 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, seven systems incurred violations during FY2018.

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 two 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 FY2018.

## **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 FY2018, 33 bacteriological laboratories were certified during at least part of the year and one laboratory was decertified for numerous deficiencies found during onsite audits. The certified bacteriological laboratories consisted of four State laboratories, 20 water system laboratories and nine commercial laboratories.

Also, 30 chemical and radiological laboratories (12 in-state and 18 out-of-state) were certified during FY2018. Two chemical laboratories chose not to seek recertification and one new radiological laboratory was certified.

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 FY2018 Alabama Operator Certification Annual Report is incorporated by reference and has been submitted to the EPA Region IV Operator Certification Coordinator under separate cover.

The Drinking Water Branch works with ADEM's operator certification section to address system deficiencies caused by operator errors, data falsification, etc.



## **APPENDICES**

## **APPENDIX A**

### ***Water System Annual Inspections and Other Visits***

<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
ABBEVILLE WATER WORKS & SEWER BOARD	22-Nov-17	Operation and Maintenance
ADDISON WATER WORKS	15-Dec-17	Operation and Maintenance
ADDISON WATER WORKS	21-Mar-18	Sampling
ADDISON WATER WORKS	17-Apr-18	Sampling
ADDISON WATER WORKS	5-Jun-18	Sampling
AKRON WATER SYSTEM	6-Mar-18	Sanitary Survey
ALA. WAREHOUSE/LOWER POOL #2	9-Aug-18	Sanitary Survey
ALABAMA DOT/I-10 AL/FL WELCOME CENTER	20-Sep-18	Sanitary Survey
ALABASTER WATER BOARD	2-Nov-17	Operation and Maintenance
ALBERTVILLE UTILITIES BOARD	14-Jun-18	Sanitary Survey
ALEXANDER CITY WATER DEPARTMENT	19-Apr-18	Operation and Maintenance
ALICEVILLE WATER & SEWER BOARD	14-Mar-18	Operation and Maintenance
ALLEN AAF	16-Aug-18	Sanitary Survey
ALLGOOD WATER WORKS (TOWN OF)	20-Jun-18	Operation and Maintenance
ALTOONA WATER & SEWER BOARD	16-May-18	Operation and Maintenance
ANDALUSIA (UTILITIES BOARD OF)	17-Jul-18	Sanitary Survey
ANNISTON WATER & SEWER BOARD	31-Jul-18	Operation and Maintenance
ARAB WATER WORKS BOARD	13-Apr-18	Sanitary Survey
ARDMORE WATER SYSTEM	12-Feb-18	Operation and Maintenance
ARITON WATER WORKS	27-Feb-18	Sanitary Survey
ARLEY WATER WORKS	30-Oct-17	Operation and Maintenance
ASBURY WATER SYSTEM	25-Jan-18	Sanitary Survey
ASHFORD WATER WORKS	1-Mar-18	Operation and Maintenance
ASHLAND WATER & SEWER BOARD	8-Feb-18	Sanitary Survey
ASHVILLE WATER AND SEWER	16-Jul-18	Sanitary Survey
ATHENS UTILITIES	23-Jan-18	Sanitary Survey
ATHENS UTILITIES	1-Mar-18	Operation and Maintenance
ATTALLA WATER WORKS BOARD	27-Apr-18	Operation and Maintenance
AUBURN WATER WORKS	28-Nov-17	Operation and Maintenance
AUTAUGA CO WATER AUTHORITY	5-Feb-18	Sampling
AUTAUGA CO WATER AUTHORITY	19-Apr-18	Sanitary Survey
AUTAUGAVILLE WATER WORKS	19-Apr-18	Sanitary Survey
AVON WATER SYSTEM	9-Aug-18	Sanitary Survey
BAKERHILL WATER AUTHORITY	12-Oct-17	Sanitary Survey
BAKERHILL WATER AUTHORITY	15-Mar-18	Sanitary Survey
BALDWIN BAPTIST CAMP	20-Sep-18	Sanitary Survey
BALLEWS APARTMENTS	20-Jun-18	Sanitary Survey
BANKS WATER SYSTEM	18-Oct-17	Operation and Maintenance
BASF CORPORATION	17-Aug-18	Sanitary Survey

BAYOU LA BATRE UTILITIES	4-Apr-18	Operation and Maintenance
BEAR CREEK WATER WORKS	13-Dec-17	Operation and Maintenance
BEATRICE WATER SYSTEM	23-Jul-18	Operation and Maintenance
BEAUREGARD WATER AUTHORITY	13-Oct-17	Sampling
BEAUREGARD WATER AUTHORITY	5-Dec-17	Operation and Maintenance
BEAUREGARD WATER AUTHORITY	8-Jan-18	Sampling
BEAUREGARD WATER AUTHORITY	11-Apr-18	Sampling
BELFOREST WATER SYSTEM	14-Jun-18	Sampling
BELFOREST WATER SYSTEM	12-Oct-17	Sampling
BELFOREST WATER SYSTEM	11-Jan-18	Sampling
BELFOREST WATER SYSTEM	13-Jun-18	Operation and Maintenance
BELK WATER SYSTEM	22-Feb-18	Sanitary Survey
BERRY WATER DEPARTMENT, TOWN OF	18-Apr-18	Operation and Maintenance
BESSEMER WATER SERVICE	10-Aug-18	Sanitary Survey
BETHEL WATER SYSTEM	27-Feb-18	Sanitary Survey
BEULAH UTILITIES DISTRICT	18-Jun-18	Sanitary Survey
BIG OAK CAMPGROUND	26-Jul-18	Sanitary Survey
BIG WILLS WATER & FIRE PRO AUTHORITY	12-Apr-18	Operation and Maintenance
BILLINGSLEY WATER SYSTEM	5-Apr-18	Sanitary Survey
BIRMINGHAM AL VA MEDICAL CENTER	28-Aug-18	Sanitary Survey
BIRMINGHAM WATER WORKS BOARD	11-Jan-18	Operation and Maintenance
BLACK WATER WORKS	2-May-18	Sanitary Survey
BLOUNT COUNTY WATER	8-May-18	Operation and Maintenance
BLOUNTSVILLE UTILITIES BOARD	15-Mar-18	Operation and Maintenance
BLUE HOLE WATER COMPANY, INC., THE	29-Aug-18	Sanitary Survey
BLUE SPRINGS WATER WORKS	14-Mar-18	Sanitary Survey
BOAZ WATER & SEWER BOARD	24-Jan-18	Sanitary Survey
BOLDO WATER & FIRE PROT. AUTHORITY	11-Jul-18	Operation and Maintenance
BRANTLEY WATER WORKS	3-Aug-18	Operation and Maintenance
BRENT UTILITIES BOARD	5-Apr-18	Sanitary Survey
BREWTON WATER WORKS	2-Apr-18	Sanitary Survey
BRIDGEPORT UTILITIES BOARD	2-May-18	Operation and Maintenance
BRILLIANT WATER WORKS	24-Jan-18	Sanitary Survey
BROOKSIDE WATER WORKS	22-Jun-18	Sanitary Survey
BRUNDIDGE WATER DEPARTMENT	18-Oct-17	Operation and Maintenance
BUHL, ELROD & HOLMAN WATER AUTHORITY	24-Jan-18	Sanitary Survey
BUTLER COUNTY WATER AUTHORITY	1-Feb-18	Operation and Maintenance
BUTLER WATER SYSTEM	22-May-18	Sanitary Survey
CAA-CTC PLAINVIEW HEAD START PROGRAM	28-Aug-18	Sanitary Survey
CALERA WATER WORKS	2-Nov-17	Operation and Maintenance
CALHOUN COUNTY WATER & FIRE PR AUTHORITY	15-May-18	Sanitary Survey
CAMDEN WATER & SEWER DEPARTMENT	2-May-18	Sanitary Survey

CAMP ALAMISCO	29-Aug-18	Sanitary Survey
CAMP ASCCA	29-Aug-18	Sanitary Survey
CAMP COTTAQUILLA GSA	5-Oct-17	Site Inspection
CAMP COTTAQUILLA GSA	17-Jul-18	Sanitary Survey
CAMP HILL UTILITIES BOARD	28-Aug-18	Sanitary Survey
CAMP LEE	18-Jul-18	Sanitary Survey
CAMP MAC	19-Jul-18	Sanitary Survey
CAMP SEQUOYAH	18-Jul-18	Sanitary Survey
CAMP SUMATANGA	13-Aug-18	Sanitary Survey
CAMP VICTORY	31-Jul-18	Sanitary Survey
CARBON HILL UTILITIES BOARD	26-Jul-18	Operation and Maintenance
CARROLLS CREEK WATER AUTHORITY	22-Feb-18	Operation and Maintenance
CARROLLTON WATER WORKS	14-Mar-18	Sanitary Survey
CASTLEBERRY WATER SYSTEM	19-Jul-18	Sanitary Survey
CEDAR BLUFF UTILITIES BOARD	3-Aug-18	Sanitary Survey
CENTRAL ELMORE WATER AUTHORITY	19-Jul-18	Operation and Maintenance
CENTRAL TALLADEGA COUNTY WATER AUTHORITY	20-Apr-18	Operation and Maintenance
CENTRE WATER & SEWER BOARD	27-Jul-18	Operation and Maintenance
CENTREVILLE WATER & SEWER	11-Apr-18	Sanitary Survey
CHANDLER MTN/GREASY COVE WATER AUTHORITY	31-Jul-18	Sanitary Survey
CHATOM UTILITIES BOARD	9-May-18	Sanitary Survey
CHATTAHOOCHEE VALLEY WATER SUPPLY DIST	8-Aug-18	Operation and Maintenance
CHEAHA STATE PARK	19-Jul-18	Sanitary Survey
CHEROKEE COUNTY WATER AUTHORITY	14-May-18	Operation and Maintenance
CHEROKEE WATER & GAS DEPARTMENT	20-Jun-18	Sanitary Survey
CHILDERSBURG WATER & SEWER BOARD	11-Dec-17	Operation and Maintenance
CHILDREN'S BIBLE MINISTRIES OF NORTH AL	24-Jul-18	Sanitary Survey
CHILTON WATER AUTHORITY	17-Jul-18	Operation and Maintenance
CHISHOLM HEIGHTS WATER & F P AUTHORITY	5-Sep-18	Sampling
CHISHOLM HEIGHTS WATER & F P AUTHORITY	20-Jun-18	Sanitary Survey
CHOCTAW-EDNA WATER AUTHORITY, INC.	22-May-18	Sanitary Survey
CITIZENS WATER SERVICE, INC.	27-Feb-18	Operation and Maintenance
CLANTON WATER DEPARTMENT	15-Nov-17	Operation and Maintenance
CLAY COUNTY WATER AUTHORITY	26-Apr-18	Sanitary Survey
CLAYTON WATER WORKS & SEWER	13-Mar-18	Sanitary Survey
CLEAR CREEK HARBOR, LLC	7-Feb-18	Sanitary Survey
CLEBURNE COUNTY WATER AUTHORITY	2-Aug-18	Sanitary Survey
CLEVELAND WATER WORKS	15-Mar-18	Sanitary Survey
CLIO WATER WORKS	9-Mar-18	Sanitary Survey
COALING WATER AUTHORITY	23-Feb-18	Operation and Maintenance
COASTAL FOREST PRODUCTS, LLC	6-Apr-18	Sanitary Survey
COFFEE COUNTY WATER AUTHORITY	3-Aug-18	Sanitary Survey

COFFEEVILLE WATER WORKS (TOWN OF)	7-May-18	Operation and Maintenance
COKER WATER AUTHORITY	24-Jan-18	Sanitary Survey
COLBERT COUNTY RURAL WATER SYSTEM	1-Nov-17	Operation and Maintenance
COLEMAN LAKE USFS REC AREA	19-Jul-18	Sanitary Survey
COLLINSVILLE WATER WORKS	25-Apr-18	Operation and Maintenance
COLUMBIA WATER WORKS	13-Oct-17	Sanitary Survey
COLUMBIANA WATER WORKS	31-Jan-18	Sanitary Survey
COOK SPRINGS WATER AUTHORITY	17-Jul-18	Operation and Maintenance
COOSA PINES RECREATION ASSOC., INC.	9-Feb-18	Sanitary Survey
COOSA VALLEY WATER SUPPLY DISTRICT	7-Aug-18	Sanitary Survey
COPELAND FERRY/PUMPKIN CENTER W S	11-Jul-18	Operation and Maintenance
CORDOVA WATER WORKS & GAS BOARD	12-Jul-18	Operation and Maintenance
COTTONWOOD WATER WORKS	19-Dec-17	Sanitary Survey
COVINGTON COUNTY WATER AUTHORITY	2-Aug-18	Sanitary Survey
COWARTS WATER SYSTEM	19-Dec-17	Operation and Maintenance
COWIKEE WATER AUTHORITY	15-Dec-17	Sanitary Survey
COWIKEE WATER AUTHORITY	14-Mar-18	Sanitary Survey
CROSSVILLE WATER BOARD	12-Apr-18	Operation and Maintenance
CUBA WATER BOARD	18-Apr-18	Sanitary Survey
CULLMAN COUNTY WATER DEPARTMENT	19-Apr-18	Sanitary Survey
CULLMAN UTILITIES BOARD	8-May-18	Sanitary Survey
CULLMAN WATER WORKS, CITY OF	17-Apr-18	Sanitary Survey
CUMBERLAND MOUNTAIN WATER	26-Apr-18	Operation and Maintenance
CURRY WATER AUTHORITY	27-Jul-18	Operation and Maintenance
CWM WATER AUTHORITY	20-Jul-18	Sanitary Survey
DADEVILLE WATER WORKS & SEWAGE BOARD	28-Aug-18	Sanitary Survey
DALE COUNTY WATER AUTHORITY	18-Dec-17	Operation and Maintenance
DALEVILLE WATER & SEWER BOARD	27-Feb-18	Sanitary Survey
DALLAS COUNTY WATER & SEWER AUTHORITY	14-Feb-18	Sanitary Survey
DAPHNE (UTILITIES BOARD OF THE CITY OF)	13-Jun-18	Operation and Maintenance
DAUPHIN ISLAND WATER & SEWER	4-Apr-18	Operation and Maintenance
DAVISTON WATER SYSTEM (TOWN OF)	29-Aug-18	Operation and Maintenance
DECATUR (MUNICIPAL UTILITIES BOARD OF)	25-Jan-18	Operation and Maintenance
DECATUR (MUNICIPAL UTILITIES BOARD OF)	27-Apr-18	Other
DEER PARK-VINEGAR BEND WATER & FPA	8-May-18	Sanitary Survey
DEKALB-JACKSON WATER SUPPLY DISTRICT	3-May-18	Operation and Maintenance
DEMOPOLIS WATER WORKS AND SEWER BOARD	31-Jul-18	Operation and Maintenance
DETROIT WATER WORKS	23-Jan-18	Sanitary Survey
DORA UTILITIES	18-Sep-18	Sampling
DORA UTILITIES	4-Sep-18	Sampling
DORA UTILITIES	13-Jul-18	Sanitary Survey
DORA UTILITIES	8-Aug-18	Sampling



DORA UTILITIES	21-Aug-18	Sampling
DOTHAN UTILITIES (CITY OF)	11-Oct-17	Operation and Maintenance
DOUBLE SPRINGS (TOWN OF) W&S BOARD	15-Dec-17	Operation and Maintenance
DOUGLAS WATER AUTHORITY	10-Apr-18	Operation and Maintenance
DOZIER WATER WORKS	3-Aug-18	Operation and Maintenance
EAST ALABAMA WATER & FIRE PRO DISTRICT	28-Aug-18	Operation and Maintenance
EAST BREWTON WATER & SEWER BOARD	2-Apr-18	Operation and Maintenance
EAST CENTRAL BALDWIN COUNTY WATER & FPA	25-Jul-18	Operation and Maintenance
EAST CULLMAN WATER SYSTEM	18-Apr-18	Operation and Maintenance
EAST LAUDERDALE COUNTY WATER AUTHORITY	13-Feb-18	Operation and Maintenance
EAST LOWNDES WATER ASSOCIATION	22-Jan-18	Operation and Maintenance
ECH AAF	21-Aug-18	Sanitary Survey
ECLECTIC WATER WORKS & SEWER BOARD	6-Oct-17	Operation and Maintenance
EDWARDSVILLE WATER & FIRE PRO AUTHORITY	1-Aug-18	Sanitary Survey
ELBA WATER WORKS	31-Jul-18	Operation and Maintenance
ELDRIDGE WATER SYSTEM	22-Jan-18	Sanitary Survey
ELKMONT WATER WORKS	13-Jun-18	Operation and Maintenance
ELMORE WATER & SEWER AUTHORITY	19-Jul-18	Sanitary Survey
ENERGY CENTER WATER SYSTEM	27-Jul-18	Sanitary Survey
ENGLEWOOD-HULLS WATER SYSTEM, INC.	21-Feb-18	Sanitary Survey
ENTERPRISE WATER WORKS	26-Jul-18	Sanitary Survey
EQUITY GROUP - EUFAULA DIVISION, LLC	21-Jun-18	Sanitary Survey
ESCAMBIA COMMUNITY UTILITIES LLC	18-Jul-18	Sanitary Survey
EUFAULA WATER WORKS	7-Mar-18	Sanitary Survey
EUREKA WATER SERVICE, INC.	29-Aug-18	Sanitary Survey
EUTAW WATER DEPARTMENT	25-Jan-18	Sanitary Survey
EVERGREEN ESTATES	18-Jun-18	Sanitary Survey
EVERGREEN WATER WORKS	19-Jul-18	Operation and Maintenance
EXCEL WATER SYSTEM	5-Jun-18	Sanitary Survey
FACKLER TRUCK STOP	24-Jul-18	Sanitary Survey
FAIRHOPE WATER SYSTEM (CITY OF)	27-Apr-18	Operation and Maintenance
FAIRVIEW WATER SYSTEM (CONECUH)	19-Jul-18	Operation and Maintenance
FALKVILLE WATER WORKS	28-Mar-18	Operation and Maintenance
FARLEY NUCLEAR PLANT	9-Aug-18	Sanitary Survey
FAUNSDALE WATER WORKS	1-Aug-18	Sanitary Survey
FAYETTE CO. WATER COORD. & F. P. A.	8-Aug-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	18-Sep-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	4-Sep-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	25-Jul-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	19-Jun-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	5-Jun-18	Sampling
FAYETTE CO. WATER COORD. & F. P. A.	22-Feb-18	Sanitary Survey

FAYETTE CO. WATER COORD. & F. P. A.	21-Aug-18	Sampling
FAYETTE WATER WORKS BOARD	8-Mar-18	Operation and Maintenance
FAYETTEVILLE WATER AUTHORITY	13-Jun-18	Sanitary Survey
FIVE STAR WATER SUPPLY DISTRICT	30-Nov-17	Sanitary Survey
FLOMATON WATER WORKS	18-Jul-18	Sanitary Survey
FLORALA REST AREA (U.S. 331)	31-Jul-18	Sanitary Survey
FLORALA WATER WORKS & SEWER BOARD	1-Aug-18	Sanitary Survey
FLORENCE WATER-WASTEWATER DEPARTMENT	8-Mar-18	Sanitary Survey
FOLEY (UTILITIES BOARD OF THE CITY OF)	24-Jul-18	Operation and Maintenance
FORDS VALLEY & HWY 278 WATER	28-Feb-18	Sanitary Survey
FORKLAND WATER SYSTEM	6-Mar-18	Operation and Maintenance
FORT DEPOSIT WATER & SEWER BOARD	9-Jan-18	Operation and Maintenance
FORT PAYNE WATER WORKS BOARD	15-Jun-18	Operation and Maintenance
FORT RUCKER - AMERICAN WATER	16-Aug-18	Sanitary Survey
FORWARD OPERATING BASE	21-Aug-18	Sanitary Survey
FOSTERS-RALPH WATER AUTHORITY	23-Jan-18	Sanitary Survey
FRANKLIN COUNTY WATER SERVICES AUTHORITY	6-Mar-18	Sanitary Survey
FRANKLIN WATER SYSTEM (TOWN OF)	18-Jun-18	Sanitary Survey
FRANKVILLE WATER & FIRE PRO AUTHORITY	22-May-18	Sanitary Survey
FREEMANVILLE WATER SYSTEM	4-Apr-18	Sanitary Survey
FRIENDSHIP WATER WORKS	6-Oct-17	Operation and Maintenance
FRISCO CITY WATER SYSTEM	5-Jun-18	Operation and Maintenance
FRUITDALE WATER SYSTEM	19-Jul-18	Sanitary Survey
FT MITCHELL WATER SYSTEM	12-Dec-17	Operation and Maintenance
FULTON (UTILITIES BOARD OF THE TOWN OF)	7-May-18	Sanitary Survey
GADSDEN WATER WORKS AND SEWER BOARD	26-Jul-18	Sanitary Survey
GANTT WATER SYSTEM	3-Aug-18	Sanitary Survey
GARDEN CITY WATER DEPARTMENT	17-Apr-18	Operation and Maintenance
GENEVA WATER WORKS	18-Dec-17	Sanitary Survey
GEORGIANA WATER WORKS & SEWER BOARD	31-Jan-18	Operation and Maintenance
GILBERTOWN (UTILITIES BOARD OF TOWN OF)	8-May-18	Operation and Maintenance
GLEN ALLEN WATER SYSTEM	22-Jan-18	Operation and Maintenance
GLENCOE WATER WORKS BOARD	14-May-18	Operation and Maintenance
GLENWOOD WATER WORKS	18-Oct-17	Sanitary Survey
GOLDEN ROD BROILERS	7-May-18	Operation and Maintenance
GOODWATER WTR WORKS & SEWER BD (CITY OF)	5-Mar-18	Sanitary Survey
GORDO WTR GAS & SEWER BOARD	7-Mar-18	Operation and Maintenance
GORDON TOWN OF	1-Mar-18	Sanitary Survey
GOSHEN WATER WORKS DIST SYSTEM	18-Oct-17	Sanitary Survey
GOVERNMENTAL UTILITY SERVICE CORPORATION	8-Feb-18	Operation and Maintenance
GRAND BAY WATER WORKS BOARD	29-Jan-18	Sanitary Survey
GRAYSVILLE WATER & SEWER BOARD	5-Jun-18	Sanitary Survey

GREEN PARK SOUTH MOBILE HOME PARK	27-Feb-18	Sanitary Survey
GREEN POND WATER SYSTEM	9-Jan-18	Sanitary Survey
GREENE COUNTY STEAM PLANT	19-Apr-18	Sanitary Survey
GREENE COUNTY WATER AUTHORITY	6-Mar-18	Operation and Maintenance
GREENETRACK, INC	19-Apr-18	Sanitary Survey
GREENHILL WATER & FIRE PRO AUTHORITY	5-Sep-18	Sampling
GREENHILL WATER & FIRE PRO AUTHORITY	13-Feb-18	Sanitary Survey
GREENSBORO (UTILITIES BD OF THE CITY OF)	1-Mar-18	Sanitary Survey
GREENVILLE WATER WORKS	31-Jan-18	Sanitary Survey
GROVE HILL WATER WORKS	7-May-18	Operation and Maintenance
GUIN WATER & SEWER BOARD	7-Feb-18	Sanitary Survey
GULF SHORES (UTILITIES BOARD CITY OF)	14-Jun-18	Operation and Maintenance
GUNTERSVILLE WATER WORKS & SEWER BOARD	11-Jun-18	Operation and Maintenance
GURLEY WATER SYSTEM	25-Jul-18	Sanitary Survey
HACKLEBURG WATER & SEWER BOARD	13-Dec-17	Sanitary Survey
HACKNEYVILLE WATER & FIRE PRO AUTHORITY	29-Aug-18	Sanitary Survey
HALE COUNTY WATER AUTHORITY	1-Mar-18	Operation and Maintenance
HALEYVILLE WATER WORKS & SEWER BOARD	6-Dec-17	Sanitary Survey
HAMDEN RIDGE WATER AUTHORITY	19-Jul-18	Sanitary Survey
HAMILTON WATER AND WASTEWATER DEPARTMENT	6-Feb-18	Operation and Maintenance
HANCEVILLE (THE WWSB OF THE CITY OF)	12-Feb-18	Operation and Maintenance
HARPERSVILLE WATER SYSTEM	31-Jan-18	Sanitary Survey
HARTFORD WATER WORKS	6-Jun-18	Sanitary Survey
HARTSELLE UTILITY BOARD	28-Mar-18	Operation and Maintenance
HARVEST-MONROVIA WATER SYSTEM	6-Sep-18	Sampling
HARVEST-MONROVIA WATER SYSTEM	5-Dec-17	Sampling
HARVEST-MONROVIA WATER SYSTEM	22-Jan-18	Operation and Maintenance
HARVEST-MONROVIA WATER SYSTEM	8-Jun-18	Sampling
HAWK PRIDE MT WATER SYSTEM	2-Nov-17	Operation and Maintenance
HAYDEN WATER WORKS	29-Aug-18	Sanitary Survey
HAYNEVILLE WATER DEPARTMENT	10-Jan-18	Operation and Maintenance
HEADLAND WATER WORKS	13-Oct-17	Sanitary Survey
HEATH WATER SYSTEM	3-Aug-18	Sanitary Survey
HEFLIN WATER WORKS	1-Aug-18	Sanitary Survey
HELENA UTILITY BOARD	16-Feb-18	Operation and Maintenance
HENRY COUNTY WATER AUTHORITY	12-Oct-17	Operation and Maintenance
HIGH BLUFF AAF	16-Aug-18	Sanitary Survey
HIGHLAND WATER AUTHORITY	25-Jan-18	Sanitary Survey
HILLTOP RV PARK	21-Sep-18	Sanitary Survey
HOBSON CITY WATER SYSTEM	30-Aug-18	Operation and Maintenance
HOBSON WATER SYSTEM	19-Jul-18	Sanitary Survey
HODGES WATER SYSTEM	14-Feb-18	Operation and Maintenance

HOKES BLUFF WATER BOARD	14-May-18	Operation and Maintenance
HOLLINS WATER AUTHORITY	9-Feb-18	Sanitary Survey
HOLTVILLE WATER SYSTEM	1-Nov-17	Operation and Maintenance
HOUSTON COUNTY WATER AUTHORITY	1-May-18	Sanitary Survey
HUBBARD LANDING, INC	19-Sep-18	Sanitary Survey
HUGULEY WATER AUTHORITY	28-Aug-18	Operation and Maintenance
HUNTSVILLE UTILITIES	26-Jul-18	Operation and Maintenance
HURTSBORO WATER & SEWER BOARD	20-Oct-17	Operation and Maintenance
I-65 RV CAMPGROUND	16-Aug-18	Sanitary Survey
INTERNATIONAL PAPER (AUTAUGA CO.)	5-Apr-18	Sanitary Survey
INTERNATIONAL PAPER COMPANY (SELMA)	5-Apr-18	Sanitary Survey
IRONDALE WATER SYSTEM	11-Jun-18	Operation and Maintenance
JACK WATER SYSTEM, INC	31-Jul-18	Sanitary Survey
JACKSON COUNTY WATER AUTHORITY	13-Apr-18	Sanitary Survey
JACKSON WATER WORKS & SEWER BOARD	17-Jul-18	Operation and Maintenance
JACKSONS GAP WATER AUTHORITY	29-Aug-18	Operation and Maintenance
JACKSONVILLE UTILITIES	16-Jul-18	Operation and Maintenance
JASPER WATER WORKS AND SEWER BOARD	8-Feb-18	Operation and Maintenance
JCG FOODS OF ALABAMA LLC	24-Jul-18	Sanitary Survey
JEMISON WATER WORKS	9-Aug-18	Sanitary Survey
JOHNSONS CROSSING WATER SYSTEM	19-Apr-18	Operation and Maintenance
JOPPA, HULACO & RYAN WATER AUTHORITY	25-Sep-18	Sampling
JOPPA, HULACO & RYAN WATER AUTHORITY	18-Apr-18	Operation and Maintenance
JOPPA, HULACO & RYAN WATER AUTHORITY	12-Jun-18	Sampling
JOPPA, HULACO & RYAN WATER AUTHORITY	27-Jun-18	Sampling
JOPPA, HULACO & RYAN WATER AUTHORITY	18-Jul-18	Sampling
JOPPA, HULACO & RYAN WATER AUTHORITY	13-Aug-18	Sampling
JOPPA, HULACO & RYAN WATER AUTHORITY	27-Aug-18	Sampling
KANSAS WATER SYSTEM	19-Jun-18	Sanitary Survey
KELLYTON WATER SYSTEM	5-Mar-18	Sanitary Survey
KENNEDY WATER WORKS BOARD	24-Jan-18	Sanitary Survey
KINSEY WATER SYSTEM	1-Mar-18	Sanitary Survey
KINSTON WATER WORKS	6-Jun-18	Sanitary Survey
KUSHLA WATER DISTRICT	23-May-18	Operation and Maintenance
LAD MARINA & CAMPGROUND	25-Jul-18	Sanitary Survey
LAFAYETTE WATER WORKS	8-Jan-18	Sampling
LAFAYETTE WATER WORKS	24-Jul-18	Operation and Maintenance
LAGRANGE MOUNTAIN WATER AUTHORITY	22-Jun-18	Sanitary Survey
LAKE MITCHELL WATER, INCORPORATED	26-Jul-18	Sanitary Survey
LAKE THOLOCCO RECREATION AREA - AMERICAN	16-Aug-18	Sanitary Survey
LAKESIDE MARINA	6-Feb-18	Sanitary Survey
LANETT WATER WORKS	22-Mar-18	Sanitary Survey

LEEDS WATER BOARD	7-Nov-17	Operation and Maintenance
LEIGHTON (WSB OF THE TOWN OF)	14-Feb-18	Operation and Maintenance
LEMOYNE WATER SYSTEM, INC.	24-May-18	Sanitary Survey
LEROY WATER AUTHORITY	9-May-18	Operation and Maintenance
LEVEL PLAINS WATER SYSTEM	27-Feb-18	Operation and Maintenance
LEXINGTON WATER WORKS AND SEWER	20-Jun-18	Sanitary Survey
LIFELINK CAREER RESOURCE CENTER, INC	27-Feb-18	Sanitary Survey
LIMESTONE COUNTY WATER SYSTEM	2-May-18	Operation and Maintenance
LINCOLN (CITY OF)	13-Jun-18	Operation and Maintenance
LINDEN UTILITIES BOARD	1-Aug-18	Sanitary Survey
LINEVILLE WATER WORKS BOARD	8-Feb-18	Sanitary Survey
LITTLE WAXIE WATER AUTHORITY	24-Jan-18	Operation and Maintenance
LITTLEVILLE WATERWORKS	19-Jun-18	Sanitary Survey
LIVINGSTON WATER WORKS	8-Mar-18	Operation and Maintenance
LOACHAPOKA WATER AUTHORITY	25-Oct-17	Sanitary Survey
LOCKHART WATER WORKS	1-Aug-18	Sanitary Survey
LOGAN LANDING RV RESORT & CAMPGROUND	7-Feb-18	Sanitary Survey
LOUISVILLE WATER WORKS	9-Mar-18	Sanitary Survey
LOWNDES COUNTY WATER SYSTEM	11-Jan-18	Operation and Maintenance
LOWNDESBORO WATER SYSTEM	11-Jan-18	Sanitary Survey
LOXLEY (TOWN OF)	26-Jul-18	Operation and Maintenance
LUVERNE WATER & SEWER DEPARTMENT	12-Apr-18	Sanitary Survey
LYEFFION WATER AND FIRE PRO AUTHORITY	19-Jul-18	Sanitary Survey
LYNN WATER WORKS	6-Dec-17	Operation and Maintenance
MACON COUNTY WATER AUTHORITY	25-Jan-18	Operation and Maintenance
MADISON COUNTY WATER DEPARTMENT	11-Apr-18	Operation and Maintenance
MADISON WATER WORKS & SEWER	24-Jan-18	Operation and Maintenance
MAGNOLIA SPRINGS HEAD START CENTER	20-Sep-18	Sanitary Survey
MALVERN WATER DEPARTMENT	1-May-18	Sanitary Survey
MAPLESVILLE WATER WORKS	10-Aug-18	Sanitary Survey
MARBURY WATER SYSTEM, INC.	4-May-18	Sanitary Survey
MARGARET WATER WORKS	31-Aug-18	Sanitary Survey
MARION COUNTY PUBLIC WATER AUTHORITY	14-Dec-17	Sanitary Survey
MARION COUNTY PUBLIC WATER AUTHORITY	19-Jun-18	Sampling
MARION WATER DEPARTMENT	19-Oct-17	Sanitary Survey
MCB WATER AUTHORITY, INC.	25-May-18	Operation and Maintenance
MCCALL WATER SYSTEM INC	18-Jul-18	Operation and Maintenance
MCINTOSH WATER & FIRE PRO AUTHORITY	23-May-18	Operation and Maintenance
MCKENZIE WATER BOARD	31-Jan-18	Sanitary Survey
MCVAY WATER SYSTEM	18-Jul-18	Sanitary Survey
MENTONE WATER WORKS BOARD	26-Apr-18	Sanitary Survey
MEXIA WATER SYSTEM, INC.	5-Jun-18	Operation and Maintenance

MID-CENTRAL WATER AUTHORITY	19-Jul-18	Sanitary Survey
MID-CLARKE WATER SYSTEM	18-Jul-18	Sanitary Survey
MIDLAND CITY WATER DEPARTMENT	1-Mar-18	Sanitary Survey
MIDWAY WATER WORKS	4-Oct-17	Sanitary Survey
MILLBROOK UTILITIES	18-Jul-18	Operation and Maintenance
MILLERS FERRY WATER AUTHORITY, INC.	2-May-18	Operation and Maintenance
MILLERVILLE WATER & FIRE PRO AUTHORITY	8-Feb-18	Sanitary Survey
MILLPORT WATER WORKS	23-Jan-18	Sanitary Survey
MILLRY WATER WORKS	8-May-18	Operation and Maintenance
MITCHELL WATER SYSTEM INC	21-Feb-18	Sanitary Survey
MOBILE BOARD OF WATER AND SEWER COMM.	18-Jul-18	Operation and Maintenance
MOBILE COUNTY WATER & FIRE PRO AUTHORITY	2-Apr-18	Operation and Maintenance
MONROEVILLE (WATER WORKS BD. OF CITY OF)	6-Jun-18	Operation and Maintenance
MONTEVALLO WATER WORKS & SEWER	3-Apr-18	Operation and Maintenance
MONTGOMERY WATER WORKS	2-Aug-18	Operation and Maintenance
MOSES WATER & FIRE PRO AUTHORITY	9-Jan-18	Operation and Maintenance
MOULTON WATER WORKS BOARD	19-Jun-18	Sanitary Survey
MOUNDVILLE WATER WORKS	27-Feb-18	Operation and Maintenance
MT ANDREW WATER AUTHORITY	8-Mar-18	Sanitary Survey
MT. VERNON (TOWN OF)	23-May-18	Operation and Maintenance
MULGA WATER WORKS AND GAS DEPARTMENT	21-Jun-18	Sanitary Survey
MUNFORD WATER AUTHORITY, INC.	13-Jun-18	Operation and Maintenance
MUSCLE SHOALS UTILITY BOARD	27-Mar-18	Operation and Maintenance
MYRTLEWOOD WATER SYSTEM	2-Aug-18	Sanitary Survey
NAPIER FIELD WATER SYSTEM	21-Aug-18	Sanitary Survey
NATCHEZ TRACE PARKWAY	20-Jun-18	Sanitary Survey
NAUVOO WATER WORKS	7-Dec-17	Sanitary Survey
NE MORGAN CO WATER AND SEWER AUTHORITY	30-Mar-18	Operation and Maintenance
NECTAR WATER SYSTEM	20-Jun-18	Operation and Maintenance
NEW BROCKTON WATER DEPARTMENT	20-Dec-17	Sanitary Survey
NEW BROCKTON WATER DEPARTMENT	9-Jan-18	Sampling
NEW HOPE WATER SYSTEM	11-Jun-18	Sanitary Survey
NEW LONDON WATER & FIRE PRO AUTHORITY	8-Nov-17	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	20-Mar-18	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	17-Jul-18	Sanitary Survey
NEW LONDON WATER & FIRE PRO AUTHORITY	18-Jul-18	Sampling
NEW SITE WATER SYSTEM	29-Aug-18	Operation and Maintenance
NEWTON WATER WORKS BOARD	20-Dec-17	Operation and Maintenance
NEWVILLE WATER SYSTEM	14-Feb-18	Sanitary Survey
NORTH BALDWIN UTILITIES	31-Jan-18	Sanitary Survey
NORTH CHOCTAW WATER & SEWER AUTHORITY	25-Apr-18	Operation and Maintenance
NORTH CLARKE WATER AUTHORITY	18-Jul-18	Sanitary Survey



NORTH DALLAS WATER AUTHORITY	22-Feb-18	Sanitary Survey
NORTH GENEVA COUNTY WATER AUTHORITY	20-Dec-17	Sanitary Survey
NORTH MARSHALL UTILITIES	9-Apr-18	Operation and Maintenance
NORTHEAST ALABAMA WATER SYSTEM	13-Jun-18	Operation and Maintenance
NORTHEAST ETOWAH COUNTY WATER CO-OP	26-Jan-18	Sanitary Survey
NORTHPORT WATER WORKS	18-Apr-18	Operation and Maintenance
NORTHWEST ST CLAIR WATER SYSTEM	31-Jul-18	Sanitary Survey
NOTASULGA WATER SYSTEM	18-Jun-18	Sanitary Survey
OAKMAN WATER WORKS	25-Jul-18	Operation and Maintenance
OASIS TRAVEL CENTER	19-Sep-18	Sanitary Survey
ODENVILLE (UTIL BOARD OF THE TOWN OF)	18-Jul-18	Operation and Maintenance
OHATCHEE WATER SYSTEM	1-Mar-18	Sanitary Survey
OLD CAHAWBA ARCHAEOLOGICAL PARK	26-Jul-18	Sanitary Survey
OLD LINE WATER SYSTEM	26-Apr-18	Operation and Maintenance
ONEONTA UTILITIES BOARD	7-May-18	Operation and Maintenance
OPELIKA UTILITIES	28-Nov-17	Sanitary Survey
OPELIKA UTILITIES	5-Dec-17	Investigation/Complaint
OPP UTILITIES BOARD	1-Aug-18	Sanitary Survey
ORANGE BEACH WATER, SEWER AND F.P.A.	14-Jun-18	Operation and Maintenance
ORRVILLE WATER DEPARTMENT (TOWN OF)	15-Feb-18	Operation and Maintenance
OWASSA-BROWNSVILLE WATER AUTHORITY	12-Oct-17	Sampling
OWASSA-BROWNSVILLE WATER AUTHORITY	19-Jul-18	Operation and Maintenance
OWASSA-BROWNSVILLE WATER AUTHORITY	16-Aug-18	Sampling
OWENS CROSSROADS WATER AUTHORITY	11-Apr-18	Operation and Maintenance
OXFORD WATER WORKS & SEWER BOARD	9-Aug-18	Sanitary Survey
OZARK UTILITIES BOARD	22-Aug-18	Sampling
OZARK UTILITIES BOARD	13-Jun-18	Sampling
OZARK UTILITIES BOARD	28-Feb-18	Sanitary Survey
OZARK UTILITIES BOARD	7-Nov-17	Sampling
OZARK UTILITIES BOARD	15-Feb-18	Sampling
PARK CITY WATER AUTHORITY, INC	27-Apr-18	Operation and Maintenance
PARKER CREEK WATER COMPANY	5-Mar-18	Sanitary Survey
PARRISH WATER WORKS BOARD	12-Jul-18	Operation and Maintenance
PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM	9-Aug-18	Sanitary Survey
PELHAM WATER WORKS	7-Mar-18	Sanitary Survey
PELL CITY WATER WORKS	17-Jul-18	Operation and Maintenance
PENNINGTON (UTILITIES BOARD OF)	22-May-18	Sanitary Survey
PERDIDO BAY WATER, SEWER & FPA	25-Jul-18	Operation and Maintenance
PERRY COUNTY WATER AUTHORITY	19-Oct-17	Operation and Maintenance
PETERSON WATER SYSTEM	23-Feb-18	Sanitary Survey
PHENIX CITY UTILITIES	12-Jul-18	Operation and Maintenance
PHIL CAMPBELL WATER WORKS	19-Jun-18	Sanitary Survey

PICKENS COUNTY WATER & F. P. AUTHORITY	28-Feb-18	Operation and Maintenance
PIEDMONT UTILITIES BOARD	11-Jul-18	Operation and Maintenance
PIKE COUNTY WATER AUTHORITY	17-Oct-17	Sanitary Survey
PILGRIM-PROVIDENCE WATER AUTHORITY	16-May-18	Operation and Maintenance
PILGRIMS PRIDE CORPORATION	24-Jul-18	Sanitary Survey
PINCKARD WATER DEPARTMENT	20-Dec-17	Operation and Maintenance
PINE APPLE WATER WORKS	2-May-18	Operation and Maintenance
PINE BLUFF WATER AUTHORITY	6-Jun-18	Sanitary Survey
PINE HILL WATER DEPARTMENT	19-Jul-18	Sanitary Survey
PINE LEVEL WATER AUTHORITY	3-Aug-18	Operation and Maintenance
PINEDALE SHORES WSFPA	1-Aug-18	Sanitary Survey
PINTLALA WATER SYSTEM, INC.	6-Aug-18	Sampling
PINTLALA WATER SYSTEM, INC.	7-May-18	Sampling
PINTLALA WATER SYSTEM, INC.	8-May-18	Sanitary Survey
PINTLALA WATER SYSTEM, INC.	23-May-18	Sampling
PISGAH WATER WORKS	11-Apr-18	Operation and Maintenance
PLURIS ALABAMA LLC	13-Feb-18	Operation and Maintenance
POLLARD WATER SYSTEM	18-Jul-18	Sanitary Survey
PRATTVILLE (WATER WORKS BOARD OF)	24-Aug-18	Operation and Maintenance
PRICHARD WATER WORKS BOARD	15-Aug-18	Sanitary Survey
PROVIDENCE WATER AUTHORITY	25-Jul-18	Operation and Maintenance
QUINT-MAR WATER AUTHORITY	7-Nov-17	Sampling
QUINT-MAR WATER AUTHORITY	13-Apr-18	Operation and Maintenance
QUINT-MAR WATER AUTHORITY	19-Jul-18	Sampling
RAGLAND (THE WW BOARD OF THE TOWN OF)	16-Jul-18	Operation and Maintenance
RAINBOW CITY UTILITIES BOARD	2-Aug-18	Sanitary Survey
RAMER WATER COMPANY, INC.	16-May-18	Operation and Maintenance
RANBURNE WATER & SEWER DEPARTMENT	1-Aug-18	Operation and Maintenance
RANBURNE WATER & SEWER DEPARTMENT	1-Aug-18	Sanitary Survey
RANDOLPH COUNTY WATER & SEWER AUTHORITY	6-Feb-18	Sanitary Survey
RANDOLPH WATER SYSTEM	25-Jul-18	Sanitary Survey
RANGE CONTROL	21-Aug-18	Sanitary Survey
RAY COMMUNITY WATER & FIRE PRO AUTHORITY	5-Mar-18	Sanitary Survey
RED BAY WATER & GAS BOARD	31-Oct-17	Sanitary Survey
RED LEVEL WATER WORKS	31-Jul-18	Sanitary Survey
REECE CITY WATER SYSTEM	12-Apr-18	Operation and Maintenance
REFORM WATER & SEWER BOARD	7-Mar-18	Sanitary Survey
REMLAP-PINE MTN WATER AUTHORITY	8-Jun-18	Sanitary Survey
REPTON WATER WORKS	19-Jul-18	Sanitary Survey
RIDGE ROAD WATER AUTHORITY	2-Apr-18	Sanitary Survey
RIVER FALLS WATER SYSTEM	31-Jul-18	Sanitary Survey
RIVERSIDE (TOWN OF)	8-May-18	Sanitary Survey

RIVERVIEW WATER WORKS	2-Apr-18	Sanitary Survey
ROANOKE (THE UTIL. BD. OF THE CITY OF)	26-Jul-18	Operation and Maintenance
ROBERTSDALE (CITY OF)	24-Jul-18	Operation and Maintenance
ROCKFORD WATER WORKS	25-Jul-18	Sanitary Survey
ROGERSVILLE WATER WORKS & SEWER BOARD	13-Feb-18	Operation and Maintenance
RUSSELL COUNTY WATER AUTHORITY	25-Jan-18	Sanitary Survey
RUSSELLVILLE WATER WORKS	4-Dec-17	Sampling
RUSSELLVILLE WATER WORKS	5-Mar-18	Operation and Maintenance
RUSSELLVILLE WATER WORKS	5-Sep-18	Sampling
RUTLEDGE WATER WORKS	12-Apr-18	Sanitary Survey
SAMSON WATER WORKS	6-Jun-18	Sanitary Survey
SANFORD WATER SYSTEM	31-Jul-18	Sanitary Survey
SARALAND WATER SERVICE	30-Jan-18	Operation and Maintenance
SARDIS CITY WATER BOARD	24-Jan-18	Sanitary Survey
SATSUMA WATER WORKS	31-Jan-18	Sanitary Survey
SCOTTSBORO WATER WORKS	3-May-18	Operation and Maintenance
SECTION-DUTTON WATER SYSTEM	4-May-18	Operation and Maintenance
SELLERS STATION WATER SYSTEM	18-May-18	Sanitary Survey
SELMA WATER WORKS & SEWER BOARD	14-Feb-18	Operation and Maintenance
SHEFFIELD UTILITIES DEPARTMENT	18-Jun-18	Operation and Maintenance
SHELBY COUNTY WATER SYSTEM	31-Oct-17	Operation and Maintenance
SILVERHILL WATER SYSTEM (TOWN OF)	25-Jul-18	Sanitary Survey
SLOCOMB WATER WORKS AND SEWER BOARD	2-May-18	Sanitary Survey
SMITHS WATER AND SEWER AUTHORITY	1-Feb-18	Sanitary Survey
SNEAD WATER WORKS	20-Jun-18	Operation and Maintenance
SNOWDOUN WATER SYSTEM INC	19-Jul-18	Operation and Maintenance
SNOWDOUN WATER SYSTEM INC	7-May-18	Sampling
SOLOM DIXON FORESTRY EDUCATION CENTER	31-Jul-18	Sanitary Survey
SOUTH ALABAMA UTILITIES WATER SYSTEM	24-May-18	Sanitary Survey
SOUTH BULLOCK COUNTY WATER AUTHORITY	4-Oct-17	Operation and Maintenance
SOUTH CRENSHAW COUNTY WATER AUTHORITY	12-Apr-18	Sanitary Survey
SOUTH DALLAS WATER AUTHORITY	15-Feb-18	Operation and Maintenance
SOUTH GATE MOBILE HOME PARK	27-Feb-18	Sanitary Survey
SOUTH MARENGO CO WATER & FIRE PRO AUTH	20-Apr-18	Sanitary Survey
SOUTHPORT CAMPGROUNDS	21-Sep-18	Sanitary Survey
SOUTHSIDE WATER WORKS	14-May-18	Operation and Maintenance
SOUTHWEST ALABAMA WATER AUTHORITY	11-Oct-17	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	10-Jan-18	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	9-Apr-18	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	6-Jun-18	Operation and Maintenance
SPANISH FORT WATER SYSTEM	12-Jun-18	Operation and Maintenance
SPANISH FORT WATER SYSTEM	14-Jun-18	Sampling

SPANISH FORT WATER SYSTEM	10-Apr-18	Sampling
SPANISH FORT WATER SYSTEM	16-Feb-18	Sampling
SPANISH FORT WATER SYSTEM	11-Jan-18	Sampling
SPANISH FORT WATER SYSTEM	12-Oct-17	Sampling
SPANISH FORT WATER SYSTEM	16-Aug-18	Sampling
SPRING VALLEY WATER AUTHORITY	21-Jun-18	Sanitary Survey
SPRINGVILLE WATER WORKS	18-Jul-18	Operation and Maintenance
ST STEPHENS WATER SYSTEM	9-May-18	Sanitary Survey
ST STEPHENS WATER SYSTEM	15-Aug-18	Sampling
ST. ELMO-IRVINGTON WATER AUTHORITY	29-Jan-18	Operation and Maintenance
STAR-MINDINGALL WATER AUTHORITY	24-Jan-18	Sanitary Survey
STEELE WATER WORKS BOARD	1-Aug-18	Sanitary Survey
STERRETT-VANDIVER WATER SYSTEM	17-Jul-18	Sanitary Survey
STEVENSON (UTIL. BOARD OF THE TOWN OF)	10-Apr-18	Operation and Maintenance
STEWARTVILLE WATER AUTHORITY	26-Jul-18	Sanitary Survey
STYX RIVER RESORT WATER SYSTEM	19-Sep-18	Sanitary Survey
SULLIGENT (CITY OF)	23-Jan-18	Sanitary Survey
SUMITON WATER WORKS BOARD	13-Jul-18	Operation and Maintenance
SUMMERDALE WATER WORKS	15-Aug-18	Sampling
SUMMERDALE WATER WORKS	11-Oct-17	Sampling
SUMMERDALE WATER WORKS	10-Jan-18	Sampling
SUMMERDALE WATER WORKS	9-Apr-18	Sampling
SUMMERDALE WATER WORKS	24-Jul-18	Operation and Maintenance
SUMTER COUNTY WATER AUTHORITY	13-Mar-18	Operation and Maintenance
SWAN CREEK COMMUNITY (BSI, LLC)	12-Feb-18	Operation and Maintenance
SWEARENGIN WATER SYSTEM	11-Jun-18	Sanitary Survey
SWEETWATER WATER & SEWER BOARD	2-Aug-18	Sanitary Survey
SYCAMORE WATER AND SEWER AUTHORITY	11-Dec-17	Sanitary Survey
SYLACAUGA UTILITIES BOARD	5-Oct-17	Sanitary Survey
TAC-X AAF	19-Dec-17	Operation and Maintenance
TAC-X AAF	21-Aug-18	Sanitary Survey
TALLADEGA COUNTY WATER SYSTEM	7-Feb-18	Sanitary Survey
TALLADEGA WATER AND SEWER BOARD, CITY OF	4-Oct-17	Sanitary Survey
TALLADEGA-SHELBY WATER TREATMENT PLANT	29-Nov-17	Sanitary Survey
TALLASSEE WATER WORKS	24-May-18	Sanitary Survey
TATE & LYLE SUCRALOSE, INC. WATER SYSTEM	18-Jul-18	Sanitary Survey
TAYLOR WATER SYSTEM	1-May-18	Sanitary Survey
THOMASTON WATER WORKS & GAS BOARD	31-Jul-18	Operation and Maintenance
THOMASVILLE WATER WORKS & SEWER BOARD	17-Jul-18	Operation and Maintenance
THORSBY WATER WORKS BOARD	4-Apr-18	Operation and Maintenance
TIBBIE WATER & FIRE PROTECTION AUTHORITY	19-Jul-18	Sanitary Survey
TILLISON BEND WATER AUTHORITY	2-Feb-18	Sanitary Survey

TOTH FIELD	16-Aug-18	Sanitary Survey
TOWN CREEK WATER SYSTEM	22-Jun-18	Sanitary Survey
TOWNLEY WATER AUTHORITY	26-Jul-18	Sanitary Survey
TRAINING AREA-15	21-Aug-18	Sanitary Survey
TRI COMMUNITY WATER SYSTEM	18-Jul-18	Operation and Maintenance
TRIANA WATER WORKS	13-Jun-18	Operation and Maintenance
TRINITY WATER WORKS SYSTEM	30-Mar-18	Operation and Maintenance
TROY UTILITIES (CITY OF)	23-Feb-18	Sanitary Survey
TRUSSVILLE UTILITIES	11-Jun-18	Operation and Maintenance
TURNERVILLE WATER & FIRE PRO DISTRICT	25-May-18	Sanitary Survey
TUSCALOOSA WATER & SEWER	7-Mar-18	Sanitary Survey
TUSCUMBIA WATER WORKS	28-Mar-18	Sanitary Survey
TUSKEGEE UTILITIES BOARD	1-Mar-18	Operation and Maintenance
TWIN WATER AUTHORITY	24-Jan-18	Sanitary Survey
TYSON FARM, INC. (BLOUNT CO.)	24-Jul-18	Sanitary Survey
U.S. AMINES LLC- CELANESE CHEMICALS	17-Aug-18	Sanitary Survey
UNION GROVE UTILITY BOARD	18-Apr-18	Sanitary Survey
UNION SPRINGS UTIL BOARD	4-Oct-17	Operation and Maintenance
UNIONTOWN UTILITIES BOARD	1-Aug-18	Operation and Maintenance
UNIVERSITY OF ALABAMA AT BIRMINGHAM	9-Aug-18	Sanitary Survey
UPPER BEAR CREEK WATER AUTHORITY	6-Feb-18	Operation and Maintenance
URIAH WATER SYSTEM INC.	23-Jul-18	Operation and Maintenance
US ARMY GARRISON-REDSTONE ARSENAL	1-May-18	Operation and Maintenance
V.A.W. WATER SYSTEM, INC	17-Apr-18	Operation and Maintenance
VALLEY HEAD WATER WORKS BOARD	12-Apr-18	Operation and Maintenance
VERNON WATER AND SEWER BOARD	23-Jan-18	Operation and Maintenance
VINA WATER WORKS BOARD	19-Jun-18	Sanitary Survey
VINCENT WATER WORKS BOARD	3-Apr-18	Operation and Maintenance
WADLEY UTILITIES BOARD	6-Feb-18	Sanitary Survey
WAGARVILLE WATER SYSTEM	19-Jul-18	Sanitary Survey
WALDO WATER SYSTEM	9-Feb-18	Sanitary Survey
WALL STREET WATER AUTHORITY	29-Aug-18	Operation and Maintenance
WALNUT GROVE (TOWN OF)	16-May-18	Sanitary Survey
WALNUT HILL WATER AUTHORITY	28-Aug-18	Operation and Maintenance
WALTER WATER AUTHORITY	20-Apr-18	Operation and Maintenance
WARRIOR RIVER WATER AUTHORITY	15-May-18	Operation and Maintenance
WASHINGTON COUNTY WATER AUTHORITY	26-Apr-18	Operation and Maintenance
WATER WORKS, INC.	20-Apr-18	Operation and Maintenance
WATTSVILLE WATER AUTHORITY	17-Jul-18	Sanitary Survey
WAYNE FARMS LLC	24-Jul-18	Sanitary Survey
WEAVER WATER SYSTEM	16-Jul-18	Operation and Maintenance
WEBB WATER SYSTEM	13-Oct-17	Operation and Maintenance

WEDOWEE WATER, SEWER, & GAS BOARD	3-Aug-18	Operation and Maintenance
WEST AUTAUGA WATER AUTHORITY	19-Apr-18	Operation and Maintenance
WEST BANK DAMSITE/GEORGE W ANDREWS	9-Aug-18	Sanitary Survey
WEST BANK DAMSITE/W F GEORGE LAKE	9-Aug-18	Sanitary Survey
WEST BARBOUR COUNTY WATER AUTHORITY	3-Nov-17	Sanitary Survey
WEST BARBOUR COUNTY WATER AUTHORITY	8-Mar-18	Sanitary Survey
WEST BLOCTON WATER WORKS	4-Apr-18	Sanitary Survey
WEST DALLAS CO WATER AUTHORITY	15-Feb-18	Sanitary Survey
WEST ESCAMBIA UTILITIES INC.	7-Dec-17	Operation and Maintenance
WEST ETOWAH WATER & FIRE PRO AUTHORITY	16-May-18	Operation and Maintenance
WEST ETOWAH WATER & FIRE PRO AUTHORITY	7-Jun-18	Sampling
WEST JEFFERSON WATER WORKS (TOWN OF)	7-Jun-18	Sanitary Survey
WEST LAUDERDALE CO WATER & FPA	24-May-18	Sanitary Survey
WEST LAWRENCE WATER COOP	21-Jun-18	Sanitary Survey
WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	30-Apr-18	Operation and Maintenance
WESTROCK COATED BOARD, LLC	21-Jun-18	Sanitary Survey
WETUMPKA WATER WORKS & SEWER BOARD	6-Oct-17	Sanitary Survey
WETUMPKA WATER WORKS & SEWER BOARD	6-Feb-18	Sampling
WETUMPKA WATER WORKS & SEWER BOARD	4-Apr-18	Sampling
WHITE HALL WATER BOARD	10-Jan-18	Operation and Maintenance
WHITE HOUSE WATER SYSTEM, INC.	12-Jun-18	Sanitary Survey
WHORTON BEND WATER AUTHORITY	26-Jan-18	Operation and Maintenance
WILCOX COUNTY WATER AUTHORITY	3-May-18	Operation and Maintenance
WILDERNESS RV PARK	19-Sep-18	Sanitary Survey
WILLS CROSS ROADS WATER SYSTEM	22-Nov-17	Construction
WILLS CROSS ROADS WATER SYSTEM	9-Aug-18	Sanitary Survey
WILSONVILLE WATER WORKS	3-Apr-18	Operation and Maintenance
WILTON WATER WORKS	3-Apr-18	Operation and Maintenance
WINFIELD WATER WORKS & SEWER BOARD	7-Feb-18	Sanitary Survey
WISE METALS GROUP, LLC (CONSTELLIUM)	30-Mar-18	Sanitary Survey
WOLF CREEK WATER AUTHORITY	2-Aug-18	Sanitary Survey
WOODLAND WATER BOARD	23-Mar-18	Sanitary Survey
YORK WATER SYSTEM/CITY OF YORK	8-Mar-18	Operation and Maintenance

## **APPENDIX B**

*Certified Chemical and Radiological Laboratories*

<i>Laboratory</i>	<i>State</i>
AIRL	Tennessee
Alabama Department of Environmental Management	Alabama
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
Microbac Laboratories	Tennessee
Mobile Field Office – ADEM	Alabama
Montgomery Industrial Waste Laboratory	Alabama
National Testing Laboratories	Michigan
Pace Analytical Services - Minnesota.	Minnesota
Pace Analytical Services - Florida	Florida
Pace Analytical Services – Pittsburgh	Pennsylvania
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