



FY2022 Annual Report



Drinking Water Branch Water Division

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FY2022 ANNUAL REPORT

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 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 FY2022, there were 504 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 FY2022, 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 FY2022, there were 43 transient non-community water systems in Alabama.

During FY2022, the Drinking Water Branch conducted 609 site visits, including 571 inspections and 38 sampling visits. The Branch issued, renewed, or modified 259 permits in FY2022. There were 9 Notices of Violation (NOV) and 7 enforcement orders issued in FY2022.

Public Participation

During FY22, branch staff continued to be as active as possible in numerous water industry organizations, including making presentations and attending virtually.

Permitting Activities

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 FY2022, operating permits were issued/renewed for 190 water systems, and 14 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

Type	Community	Transient Non-Community	Non Transient Non-Community	Total
Water System Permit Renewals	188	1	0	190
New Water Systems Activated	0	0	0	0
Water Systems Inactivated	0	1	1	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 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 55 construction permits in FY2022.

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

Facility/Equipment	Permitted for Construction	Placed into Service
Miles of Water Main	165.3	26.1
Customer Services (New)	282	52
Fire Hydrants	531	28
Wells and Capacity (GPM)	12 @ 7,575 combined	4 @ 2,108 combined
New Water Treatment Plants (MGD)	1 @ 2.88 combined	N/A
Additions to WTPs	N/A	N/A
Tanks and Capacity (MG)	8 @ 8.7 combined	5 @ 2.966 combined
Final Project Cost	N/A	\$26,272,578.50

Water System Inspection Activities

The Drinking Water Branch has a goal of inspecting all community and non-community systems annually. As required by the Branch's primacy agreement with EPA, every third year a more detailed inspection called a sanitary survey is conducted in place of the annual survey. The goal of these inspections is to identify deficiencies in water system operation to ensure they are addressed in a timely manner. Additionally, the Department may make recommendations regarding the water system's maintenance and operations that may help avoid deficiencies in the future. During the inspections, inspectors review the required documentation maintained at the Department and the 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. Inspectors may offer 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, monitor violations, conduct susceptibility analysis of sources, and attend board/council meetings.

A total of 568 inspections (245 sanitary surveys and 323 annual inspections) were conducted in FY2022. Appendix A lists water system inspection activities.

SDWIS/State Activities

In FY2022, the Drinking Water Branch continued to use its database of record, SDWIS/STATE Web Release 3.5. CDS continued to be utilized for automated compliance determination and sample tracking. A Drinking Water Branch representative attended ASDWA's 2022 Data Management User's Conference, held in Washington, D.C. in September, to receive additional education, guidance, and important updates 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. During 2022, the application was updated to exist inside of the Department's Web Portal, which allows for CROMERR-compliant registration and submission. EDWRS is used by water systems and laboratories to submit analytical data via XML or Direct Entry and required documents, including various PDF formats and lead service line inventories. Analytical data submitted via EDWRS is imported into SDWIS/State via XML Sampling. All users can also use EDWRS to view Sample Schedules for their authorized water systems and laboratory users can use EDWRS to make reports of positive bacteriological sampling events.

Drinking Water Security Program

The Drinking Water Branch currently reviews physical security measures during routine inspections. The Branch assist utilities during emergency response, primarily coordinating information among the utilities, consultants, partners, technical staff, Department heads and the public at large.

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 facilities communication in a timely manner, the Branch utilizes Groupcast, a mass notification platform, in tandem with the Branch's emergency contact database and other tools, such as Microsoft Forms. These tools allow the Branch to keep water systems up to date on important regulatory changes and ensure efficient communication during times of emergencies, such as inclement weather.

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, managerial, and financial (TMF) ability to operate in accordance with state and federal requirements. An aspect of this plan involves partnering with the Alabama Rural Water Association (ARWA).

In FY2022, 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 provided assistance throughout the state for various water systems dealing with issues such as problems with filters, high water loss, and discolored water along with other TMF issues. In addition, ADEM corresponded with Communities Unlimited, Inc. regarding evaluation of twelve water systems' TMF capacity. This included updating ADEM required documentation, completing risk and resiliency assessments, developing Water Storage Tanks SOPs, developing Asset Management Plans, 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.

On April 14, 2022, the Department incorporated new rules regarding the preparation of asset management plans for new water systems or water systems producing water for the first time. In addition, asset management plans can be required for systems with ongoing compliance issuance as a condition of permit renewal.

In 2022, ADEM required the submittal of asset management plans by three (3) water systems. Two of these systems, Reform Water and Sewer Board (AL0001107) and Marion Water Department (AL0001097), were ordered to submit an asset management plan under administrative action compliance schedules. The third system was issued a permit with a special condition to prepare and submit an asset management plan within one (1) year of permit issuance. The issuance of an administrative order and the requirement to submit an asset management plan may have a beneficial impact on the system's prioritization with respect to applications for funding under the SRF.

The Department prepared the Annual Capacity Development Implementation Report and submitted it to EPA on January 10, 2023. 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 2021 CCRs, which were due by July 1, 2022. Of the 509 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 approve a source for use in food and/or ice production. In previous years, the Department reviewed these requests and issued a "potability certificate", which allowed the requestor to use the source in the specified way provided semi-annual bacteriological results remained negative. Additionally, the certification had to be renewed every year with the Department.

During FY2022, the Department modified the process of reviewing sources for use in food and/or ice production. The most significant change was ending the issuance of certificates, which must

be renewed. Rather, the Department reviews the results to ensure they are naturally free from total coliform bacteria and acknowledges by letter that the source is suitable for use in the intended capacity, so long as the required semi-annual bacteriological sampling remains free from total coliform bacteria.

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 FY2022, there were 84 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

Most 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. Many 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 seven SWAPs for new or expanded groundwater sources in FY2022. All seven of these reports were submitted from existing public water systems. SWAPs have been finalized for six 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 potentially significant sources of chemical contaminants in groundwater in Alabama. Approximately 143 UST compliance inspections were completed within wellhead protection areas. During FY2022, approximately 217 corrective action sites were in designated wellhead protection areas or within one mile of public drinking water wells.

The 2022 Alabama UST Assessment and Remediation Conference was held on August 23, 2022, with over 160 attendees. The conference included presentations and updates on UST regulation changes, UST compliance issues, the Alabama Tank Trust Fund, the AEPACs system, Trust Fund form updates and high-resolution site characterization case studies.

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 continues to be a proactive participant in the U.S. EPA Region 4 Area Wide Optimization Program (AWOP). FY2022 marked the 25th 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 (DBPs), 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 FY2022:

- Each inspector has made AWOP a priority for 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 Region 4 AWOP planning meetings and workshops, during FY2022; one ADEM sponsored data integrity workshop and one National AWOP Meeting.
- In 2016, ADEM began tracking distribution system performance in relation to the DBP goals. Based upon the second Quarter 2022 data, 170 of 223 (76.2%) distribution systems on quarterly DBP monitoring met all the DBP goals. This number is lower than in previous years due to several systems switching from quarterly monitoring to yearly monitoring.

Enforcement Activities

Drinking Water Branch enforcement activities are shown in Table 3. A total of 268 violation letters (e.g. – Maximum Contaminant Level (MCL) exceedances, Monitoring and Reporting violations, state (non-federal) violations, etc.) were mailed to water systems during FY2022.

Table 3 - Enforcement Actions

Enforcement Action	No.
Violation Letters	268
Compliance Meetings	0
Violation Follow-ups	0
Notices of Violation	9
Show Cause Hearings	0
Consent Orders	7
Unilateral Orders	0
Court Cases	0

Nine (9) Notice of Violations (NOVs) were issued for systems incurring public notice violations or having multiple violations and/or deficiencies in the review period. Seven (7) consent orders were issued, including one with a civil penalty. The orders stemmed from a variety of violations, including continued DBP MCL violations for parent system and the consecutive system, failure to maintain the system in an operational manner, failure to employ the right kind or number of operators, failure to install surface water treatment for groundwater under the direct influence, and a group of violations surrounding an E. coli MCL for failing to take repeats after a total-coliform positive.

Bacteriological Monitoring and Compliance

On December 1, 2014, the Revised Total Coliform Rule went into effect in Alabama. RTCR is a revision to EPA’s 1989 Total Coliform Rule (TCR). The Revised Total Coliform Rule establishes regulations for microbiological contaminants in drinking water. These contaminants can cause short-term health problems. If a system fails to collect the required number of samples per sampling period, a monitoring violation occurs. States are required to report the following assessments and violations:

- Major Routine Monitoring Violation: Occurs when a system does not perform any of the required routine monitoring.
- Minor Routine Monitoring Violation: Occurs when a system performs some, but not all, of the required routine monitoring.
- Reporting Violation: Except where a shorter reporting period is specified, the supplier of water shall report to the Department the results of any test, measurement, or analysis within the first 10 days following the month in which the result is received or the first 10 days following the end of the required monitoring period as stipulated by the Department, whichever is shortest. Failure to notify the Department of an E. coli-positive sample in a timely manner is a reporting violation.

- E. coli MCL Violation: Occurs when a routine sample is E. coli positive and any of the corresponding repeat samples are total coliform positive, E. coli positive, or not taken. Also, an E. coli MCL violation may occur when a routine sample is total coliform positive and either the corresponding repeat samples are E. coli positive, or the repeat samples were not analyzed for E. coli.
- Level 1 Assessments: A Level 1 Assessment is triggered when a water system collecting fewer than 40 samples per month or quarter has two or more total coliform positive routine/repeat samples in the same month or a system that collects 40 or more samples per month has greater than 5.0% of the routine/repeat samples in the same month be total coliform positive or fails to take every repeat sample after a total coliform positive sample.
- Level 2 Assessments: A Level 2 Assessment is triggered when a water system incurs an E. coli MCL violation, or a water system receives a second Level 1 Assessment within a rolling 12-month period.
- Treatment technique violation: Occurs when a system exceeds a treatment technique trigger and then fails to conduct the required assessment or complete corrective actions within the timeframe specified in the assessment or by the Department.

Table 4 - RTCR Summary FY2022

	Number of Systems with Violations				
	MCL Trigger	MCL	Treatment Technique	Monitoring Violations	Reporting Violations
MCL Violations	Failure to take repeats	1			
Monitoring, Routine Major (3A)				9	
Monitoring, Routine Minor (3B)				4	
Reporting, Routine (4B)					57
Failure to Conduct Level 1 Assessment (2A)			5		
Failure to Conduct Level 2 Assessment (2B)			0		
Total		1	8	13	68
Level 1 Assessments	27		Level 2 Assessments		3

Table 5 - GWR Summary FY2022

	Number of Systems with Violations
Monitor GWR Triggered/Additional, Major (34)	0

Monitor GWR Triggered/Additional, Minor (34)	2
Subtotal	2

Chemical Monitoring and Compliance

Chemical monitoring is scheduled based on the calendar year. Therefore, only a summary of the results for FY2022 will be included in this annual report. A complete report of chemical compliance data for calendar year 2022 will be included in the 2022 annual violations report, which will be produced by June 2023. The following is a summary for FY2022:

- 284 water systems monitored 602 different sources for inorganic contaminants. All water systems with sources were required to monitor for nitrates. No systems incurred a MCL violation for inorganic contaminants.
- 271 water systems monitored for volatile organic chemicals (VOCs). Of the 555 ground and surface sources analyzed during FY2022, 49 sources had detections for 11 different regulated VOCs. No systems incurred an MCL violation for VOCs.
- 212 water systems monitored for synthetic organic chemicals (SOCs). Of the 474 ground and surface sources analyzed for SOCs, 38 sources had detections for 8 different regulated SOCs. No systems incurred an MCL violation for SOCs.
- 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 systems incurred a monitoring or treatment technique violation in FY2022.

Lead and Copper Monitoring Program

The Lead and Copper regulations were modified on December 16, 2021, with the release of the Long-Term Revisions to the Lead and Copper Rule (LCRR). The rule update has a compliance date of October 16, 2024; however, the EPA has announced it will modify the LCRR with the Lead and Copper Rule Improvements (LCRI) prior to the compliance date. The Drinking Water Branch plans to incorporate the LCRR and LCRI by reference. The LCRR requires water systems to generate an initial inventory of all service lines including both publicly and privately owned portions by the LCRR compliance date. Guidance Documents from the EPA and ADEM, as well as the Lead Service Line Inventory Template can be found on the ADEM website at: adem.alabama.gov/programs/water/drinkingwater/leadcopper.cnt

The Drinking Water Branch has developed a process regarding single sample exceedances of 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 FY2022, 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 has developed an operating procedure for the development of Lead Service Line Inventories, which will be a new requirement under the LCRR.

A total of 212 water systems monitored for Lead and Copper in FY2022. One water system exceeded the Lead action level and three 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 2022 will be included in the 2022 annual violations report, which is expected to be available by June 2023.

Disinfection Byproduct Monitoring and Compliance

The Stage 2 Disinfection Byproduct Rule requires 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 (1) system incurred a MCL violation for HAA5 and nine (9) systems incurred MCL violations for TTHM. Twenty-nine (29) water systems incurred monitoring violations for disinfection byproducts during FY2022. The primary reason for the increased number of disinfection byproduct monitoring violations in FY2022 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, some of the 29 systems incurred the initial violation in the previous fiscal year.

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 six water systems incurred monitoring violations. Twenty-three water systems that feed chlorine dioxide are required to monitor for chlorites. One water system incurred a monitoring or maximum contaminant level violation for chlorites in FY2022.

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 FY2022, 27 bacteriological laboratories were certified during at least part of the year. No laboratories were decertified during FY2022. The certified bacteriological laboratories consisted of two State laboratories, seventeen

water system laboratories and eleven commercial laboratories. Also, 42 chemical and radiological laboratories (16 in-state and 26 out-of-state) were certified during FY2022.

Appendix B and

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

The Drinking Water Branch holds a quarterly coordination meeting with ADPH and the ADEM Field Office to discuss a variety of issues related to audits, certification, and submission of samples.

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 as they are provided from the SRF Section.

Operator Certification Program

The FY2022 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 maintains a communications tool called GroupCast to facilitate rapid dissemination of information to water systems during emergencies. The Branch is currently in the process of preparing an Emergency Plan to ensure efficient communication during times of disaster.

Appendix A – FY2022 Site Visit Inventory

PWSID	SYSTEM NAME	VISIT DATE	NOTIFICATION DATE	REASON
AL0001555	ALA. WAREHOUSE/LOWER POOL #2	9/14/2022	10/11/2022	OM
AL0001148	ALABASTER WATER BOARD	3/1/2022	3/7/2022	OM
AL0000933	ALBERTVILLE UTILITIES BOARD	2/3/2022	7/11/2022	OM
AL0001265	ALEXANDER CITY WATER DEPARTMENT	3/3/2022	3/7/2022	OM
AL0001102	ALICEVILLE WATER & SEWER BOARD	5/25/2022	7/7/2022	OM
AL0000571	ALTOONA WATER & SEWER BOARD	3/31/2022	4/12/2022	OM
AL0000356	ANDALUSIA (UTILITIES BOARD OF)	4/21/2022	4/29/2022	OM
AL0000133	ANNISTON WATER WORKS & SEWER BOARD	10/14/2021	10/19/2021	OM
AL0000934	ARAB WATER WORKS BOARD	4/29/2022	5/9/2022	OM
AL0001420	ARDMORE WATER SYSTEM	6/6/2022	6/22/2022	OM
AL0000416	ARITON WATER WORKS	5/26/2022	6/25/2022	OM
AL0001403	ARLEY WATER WORKS	6/28/2022	7/13/2022	OM
AL0000935	ASBURY WATER SYSTEM	5/31/2022	6/21/2022	OM
AL0000824	ATHENS UTILITIES	11/29/2021	1/6/2022	OM
AL0000572	ATTALLA WATER WORKS BOARD	1/27/2022	2/8/2022	OM
AL0000804	AUBURN WATER WORKS	3/2/2022	3/7/2022	OM
AL0000001	AUTAUGA CO WATER AUTHORITY	8/23/2022	9/15/2022	OM
AL0000002	AUTAUGAVILLE WATER WORKS	8/24/2022	9/6/2022	OM
AL0001511	AVON WATER SYSTEM	9/16/2022	9/28/2022	OM
AL0001108	BANKS WATER SYSTEM	11/16/2021	12/17/2021	OM
AL0001044	BEATRICE WATER SYSTEM	7/11/2022	7/29/2022	OM
AL0000025	BELFOREST WATER SYSTEM	9/8/2022	10/7/2022	OM
AL0000595	BELK WATER SYSTEM	4/19/2022	5/12/2022	OM
AL0000180	BEULAH UTILITIES DISTRICT	9/23/2022	10/6/2022	OM
AL0000203	BIG OAK CAMPGROUND	6/1/2022	6/21/2022	OM
AL0001505	BIG WILLS WATER & FIRE PRO AUTHORITY	3/31/2022	4/12/2022	OM
AL0000003	BILLINGSLEY WATER SYSTEM	8/24/2022	9/15/2022	OM
AL0000615	BLACK WATER WORKS	6/2/2022	6/27/2022	OM
AL0001783	BLOUNT COUNTY WATER	2/17/2022	2/23/2022	OM
AL0000100	BLOUNTSVILLE UTILITIES BOARD	3/16/2022	4/6/2022	OM
AL0000081	BLUE SPRINGS WATER WORKS	5/26/2022	6/24/2022	OM
AL0000936	BOAZ WATER & SEWER BOARD	2/28/2022	3/17/2022	OM
AL0001322	BOLDO WATER & FIRE PROT. AUTHORITY	12/1/2021	12/20/2021	OM
AL0000385	BRANTLEY WATER WORKS	4/4/2022	6/30/2022	OM
AL0000091	BRENT UTILITIES BOARD	8/2/2022	8/10/2022	OM
AL0000713	BRIDGEPORT UTILITIES BOARD	2/28/2022	3/15/2022	OM

AL0000921	BRILLIANT WATER WORKS	4/26/2022	5/13/2022	OM
AL0001110	BRUNDIDGE WATER DEPARTMENT	11/15/2021	12/17/2021	OM
AL0001507	BUTLER COUNTY WATER AUTHORITY	3/28/2022	6/30/2022	OM
AL0000232	BUTLER WATER SYSTEM	7/7/2022	8/5/2022	OM
AL0000181	CAA-CTC PLAINVIEW HEAD START PROGRAM	9/27/2022	12/12/2022	OM
AL0001150	CALERA WATER WORKS	3/1/2022	3/7/2022	OM
AL0000131	CALHOUN COUNTY WATER & FIRE PR AUTHORITY	3/17/2022	3/23/2022	OM
AL0001374	CAMDEN WATER & SEWER DEPARTMENT	8/18/2022	9/6/2022	OM
AL0001267	CAMP ALAMISCO	9/9/2022	9/29/2022	OM
AL0001268	CAMP ASCCA	9/7/2022	9/29/2022	OM
AL0001270	CAMP HILL UTILITIES BOARD	9/8/2022	9/29/2022	OM
AL0000617	CAMP VICTORY	8/31/2022	9/15/2022	OM
AL0001324	CARBON HILL UTILITIES BOARD	4/20/2022	5/9/2022	OM
AL0000337	CASTLEBERRY WATER SYSTEM	2/4/2022	2/17/2022	OM
AL0000187	CEDAR BLUFF UTILITIES BOARD	6/1/2022	6/21/2022	OM
AL0000547	CENTRAL ELMORE WATER AUTHORITY	2/3/2022	2/8/2022	OM
AL0000188	CENTRE WATER & SEWER BOARD	12/10/2021	12/15/2021	OM
AL0000092	CENTREVILLE WATER & SEWER	8/3/2022	8/23/2022	OM
AL0001358	CHATOM UTILITIES BOARD	7/28/2022	8/30/2022	OM
AL0000272	CHEAHA STATE PARK	12/7/2021	1/13/2022	OM
AL0000504	CHILDREN'S BIBLE MINISTRIES OF NORTH AL	1/26/2022	2/8/2022	OM
AL0000234	CHILTON WATER AUTHORITY	7/13/2022	7/15/2022	OM
AL0000777	CHISHOLM HEIGHTS WATER & F P AUTHORITY	5/5/2022	5/17/2022	OM
AL0000213	CLANTON WATER DEPARTMENT	9/7/2022	9/13/2022	OM
AL0000266	CLAY COUNTY WATER AUTHORITY	4/1/2022	4/6/2022	OM
AL0000101	CLEVELAND WATER WORKS	3/16/2022	3/23/2022	OM
AL0001298	COALING WATER AUTHORITY	11/18/2021	12/6/2021	OM
AL0000121	COASTAL FOREST PRODUCTS, LLC	9/22/2022	9/28/2022	OM
AL0001789	COFFEE COUNTY WATER AUTHORITY	5/12/2022	5/23/2022	OM
AL0001299	COKER WATER AUTHORITY	6/14/2022	7/8/2022	OM
AL0000314	COLBERT COUNTY RURAL WATER SYSTEM	5/4/2022	5/20/2022	OM
AL0000676	COLUMBIA WATER WORKS	5/25/2022	6/24/2022	OM
AL0001151	COLUMBIANA WATER WORKS	5/6/2022	5/13/2022	OM
AL0001434	COOK SPRINGS WATER AUTHORITY	3/30/2022	4/6/2022	OM
AL0001805	COOSA VALLEY WATER SUPPLY DISTRICT	12/3/2021	12/15/2021	OM
AL0000361	COVINGTON COUNTY WATER AUTHORITY	6/27/2022	7/15/2022	OM
AL0000508	CROSSVILLE WATER BOARD	11/2/2021	11/22/2021	OM
AL0000394	CULLMAN COUNTY WATER DEPARTMENT	7/27/2022	8/25/2022	OM
AL0000398	CULLMAN UTILITIES BOARD	2/17/2022	2/23/2022	OM
AL0001786	CULLMAN WATER WORKS, CITY OF	7/28/2022	8/25/2022	OM
AL0000717	CUMBERLAND MOUNTAIN WATER	1/27/2022	2/8/2022	OM

AL0001432	CURRY WATER AUTHORITY	11/30/2021	12/20/2021	OM
AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	9/9/2022	9/29/2022	OM
AL0000463	DALLAS COUNTY WATER & SEWER AUTHORITY	9/20/2022	9/28/2022	OM
AL0001274	DAVISTON WATER SYSTEM (TOWN OF)	9/7/2022	9/29/2022	OM
AL0001084	DECATUR (MUNICIPAL UTILITIES BOARD OF)	5/17/2022	5/23/2022	OM
AL0001368	DEER PARK-VINEGAR BEND WATER & FPA	7/29/2022	9/1/2022	OM
AL0001796	DEKALB-JACKSON WATER SUPPLY DISTRICT	3/28/2022	4/12/2022	OM
AL0000908	DEMOPOLIS WATER WORKS AND SEWER BOARD	5/20/2022	6/9/2022	OM
AL0000767	DETROIT WATER WORKS	9/22/2022	11/10/2022	OM
AL0001816	DOLLAR GENERAL #19936 GORDON, AL	9/16/2022	10/4/2022	OM
AL0001818	DOLLAR GENERAL #20059, AUBURN, AL	9/23/2022	10/6/2022	OM
AL0001721	DORA UTILITIES	4/21/2022	5/12/2022	OM
AL0000387	DOZIER WATER WORKS	4/4/2022	6/30/2022	OM
AL0000174	EAST ALABAMA WATER & FIRE PRO DISTRICT	9/22/2022	10/6/2022	OM
AL0001770	EAST CENTRAL BALDWIN COUNTY WATER & FPA	9/21/2022	10/13/2022	OM
AL0000402	EAST CULLMAN WATER SYSTEM	7/25/2022	8/15/2022	OM
AL0001424	EAST LAUDERDALE COUNTY WATER AUTHORITY	3/3/2022	3/16/2022	OM
AL0001809	EAST LOWNDES WATER ASSOCIATION	11/17/2021	12/6/2021	OM
AL0000295	ELBA WATER WORKS	5/11/2022	5/23/2022	OM
AL0001380	ELDRIDGE WATER SYSTEM	6/30/2022	7/8/2022	OM
AL0000535	ELMORE WATER & SEWER AUTHORITY	8/30/2022	9/15/2022	OM
AL0001301	ENGLEWOOD-HULLS WATER SYSTEM, INC.	11/19/2021	12/6/2021	OM
AL0000296	ENTERPRISE WATER WORKS	4/1/2022	4/13/2022	OM
AL0000636	EUTAW WATER DEPARTMENT	5/25/2022	6/16/2022	OM
AL0000338	EVERGREEN WATER WORKS	2/4/2022	2/17/2022	OM
AL0001046	EXCEL WATER SYSTEM	7/8/2022	7/15/2022	OM
AL0000339	FAIRVIEW WATER SYSTEM (CONECUH)	1/28/2022	2/17/2022	OM
AL0001085	FALKVILLE WATER WORKS	7/26/2022	8/25/2022	OM
AL0001491	FARLEY NUCLEAR PLANT	9/14/2022	10/4/2022	OM
AL0000909	FAUNSDALE WATER WORKS	8/18/2022	9/26/2022	OM
AL0000594	FAYETTE CO. WATER COORD. & F. P. A.	4/19/2022	5/12/2022	OM
AL0000597	FAYETTE WATER WORKS BOARD	6/30/2022	7/13/2022	OM
AL0001236	FAYETTEVILLE WATER AUTHORITY	8/3/2022	8/17/2022	OM
AL0001780	FIVE STAR WATER SUPPLY DISTRICT	1/11/2022	1/18/2022	OM
AL0000559	FLOMATON WATER WORKS	5/27/2022	6/27/2022	OM
AL0000363	FLORALA WATER WORKS & SEWER BOARD	3/4/2022	3/17/2022	OM
AL0000783	FLORENCE (WATER DEPARTMENT), CITY OF	3/2/2022	3/17/2022	OM
AL0001428	FORKLAND WATER SYSTEM	9/21/2022	11/10/2022	OM
AL0000846	FORT DEPOSIT WATER & SEWER BOARD	11/9/2021	11/24/2021	OM
AL0001302	FOSTERS-RALPH WATER AUTHORITY	6/14/2022	7/8/2022	OM
AL0001500	FRANKLIN COUNTY WATER SERVICES AUTHORITY	3/29/2022	4/15/2022	OM

AL0000860	FRANKLIN WATER SYSTEM (TOWN OF)	9/6/2022	9/29/2022	OM
AL0001357	FRANKVILLE WATER & FIRE PRO AUTHORITY	7/28/2022	8/30/2022	OM
AL0000561	FREEMANVILLE WATER SYSTEM	5/27/2022	6/27/2022	OM
AL0001047	FRISCO CITY WATER SYSTEM	3/24/2022	3/28/2022	OM
AL0000254	FULTON (UTILITIES BOARD OF THE TOWN OF)	8/24/2022	10/6/2022	OM
AL0000577	GADSDEN WATER WORKS AND SEWER BOARD	4/28/2022	5/9/2022	OM
AL0000364	GANTT WATER SYSTEM	8/30/2022	9/15/2022	OM
AL0000123	GEORGIANA WATER WORKS & SEWER BOARD	3/30/2022	7/1/2022	OM
AL0000237	GILBERTOWN (UTILITIES BOARD OF TOWN OF)	7/8/2022	8/1/2022	OM
AL0000598	GLEN ALLEN WATER SYSTEM	6/30/2022	7/8/2022	OM
AL0000578	GLENCOE WATER WORKS BOARD	6/10/2022	6/22/2022	OM
AL0000388	GLENWOOD WATER WORKS	9/1/2022	9/15/2022	OM
AL0001105	GORDO WTR GAS & SEWER BOARD	5/26/2022	7/7/2022	OM
AL0001782	GOVERNMENTAL UTILITY SERVICE CORPORATION	10/8/2021	10/19/2021	OM
AL0000983	GRAND BAY WATER WORKS BOARD	8/25/2022	9/26/2022	OM
AL0000093	GREEN POND WATER SYSTEM	8/2/2022	8/10/2022	OM
AL0001423	GREENHILL WATER & FIRE PRO AUTHORITY	3/4/2022	3/18/2022	OM
AL0000645	GREENSBORO (UTILITIES BD OF THE CITY OF)	5/27/2022	6/23/2022	OM
AL0000125	GREENVILLE WATER WORKS	4/1/2022	7/1/2022	OM
AL0000924	GUIN WATER & SEWER BOARD	4/29/2022	5/20/2022	OM
AL0000904	GURLEY WATER SYSTEM	1/27/2022	2/10/2022	OM
AL0000925	HACKLEBURG WATER & SEWER BOARD	3/29/2022	4/22/2022	OM
AL0001541	HACKNEYVILLE WATER & FIRE PRO AUTHORITY	9/7/2022	9/29/2022	OM
AL0001411	HALEYVILLE WATER WORKS & SEWER BOARD	3/30/2022	4/22/2022	OM
AL0001516	HAMDEN RIDGE WATER AUTHORITY	7/28/2022	8/1/2022	OM
AL0000926	HAMILTON WATER AND WASTEWATER DEPARTMENT	4/28/2022	5/11/2022	OM
AL0001156	HARPERSVILLE WATER BOARD	5/4/2022	5/11/2022	OM
AL0001086	HARTSELLE UTILITY BOARD	7/26/2022	8/25/2022	OM
AL0000878	HARVEST-MONROVIA WATER SYSTEM	12/2/2021	1/6/2022	OM
AL0000847	HAYNEVILLE WATER DEPARTMENT	11/30/2021	1/25/2022	OM
AL0000664	HEADLAND WATER WORKS	5/24/2022	6/24/2022	OM
AL0000368	HEATH WATER SYSTEM	8/30/2022	9/15/2022	OM
AL0000279	HEFLIN WATER WORKS	10/13/2021	10/19/2021	OM
AL0001157	HELENA UTILITY BOARD	5/4/2022	5/11/2022	OM
AL0001819	HH HEALTH SYSTEMS LLC-SHOALS	5/4/2022	5/17/2022	OM
AL0000580	HIGHLAND WATER AUTHORITY	6/2/2022	6/21/2022	OM
AL0000604	HODGES WATER SYSTEM	3/28/2022	4/8/2022	OM
AL0000540	HOLTVILLE WATER SYSTEM	6/24/2022	7/14/2022	OM
AL0000177	HUGULEY WATER AUTHORITY	9/22/2022	10/6/2022	OM
AL0000882	HUNTSVILLE UTILITIES	8/24/2022	9/1/2022	OM
AL0001748	JACKSON COUNTY WATER AUTHORITY	1/28/2022	2/17/2022	OM

AL0000502	JCG FOODS OF ALABAMA LLC	6/1/2022	6/16/2022	OM
AL0001337	KANSAS WATER SYSTEM	4/20/2022	5/9/2022	OM
AL0000769	KENNEDY WATER WORKS BOARD	9/22/2022	11/17/2022	OM
AL0001794	KEYSTONE FOODS LLC - EUFAULA PROCESSING	9/21/2022	10/14/2022	OM
AL0000178	LAFAYETTE WATER WORKS	1/26/2022	2/3/2022	OM
AL0000318	LAGRANGE MOUNTAIN WATER AUTHORITY	5/4/2022	5/20/2022	OM
AL0000179	LANETT WATER WORKS	9/22/2022	10/6/2022	OM
AL0000319	LEIGHTON (WSB OF THE TOWN OF)	5/6/2022	5/13/2022	OM
AL0000994	LEMOYNE WATER SYSTEM, INC.	8/31/2022	10/5/2022	OM
AL0001362	LEROY WATER AUTHORITY	7/8/2022	8/5/2022	OM
AL0000436	LEVEL PLAINS WATER SYSTEM	6/3/2022	6/29/2022	OM
AL0000788	LEXINGTON WATER WORKS AND SEWER	5/4/2022	5/13/2022	OM
AL0001245	LINCOLN (CITY OF)	8/1/2022	8/17/2022	OM
AL0000914	LINDEN UTILITIES BOARD	8/4/2022	8/22/2022	OM
AL0000372	LOCKHART WATER WORKS	3/4/2022	3/17/2022	OM
AL0001512	LOWNDES COUNTY WATER SYSTEM	11/10/2021	12/17/2021	OM
AL0001412	LYNN WATER WORKS	3/31/2022	5/2/2022	OM
AL0000885	MADISON WATER WORKS & SEWER BOARD	5/17/2022	5/23/2022	OM
AL0000013	MARBURY WATER SYSTEM, INC.	8/11/2022	8/23/2022	OM
AL0001716	MARION COUNTY PUBLIC WATER AUTHORITY	3/29/2022	4/22/2022	OM
AL0001097	MARION WATER DEPARTMENT	9/21/2022	10/4/2022	OM
AL0001004	MCB WATER AUTHORITY, INC.	8/31/2022	9/27/2022	OM
AL0001050	MEXIA WATER SYSTEM, INC.	3/24/2022	3/28/2022	OM
AL0000116	MIDWAY WATER WORKS	7/22/2022	8/5/2022	OM
AL0000539	MILLBROOK UTILITIES	1/11/2022	1/18/2022	OM
AL0000770	MILLPORT WATER WORKS	9/22/2022	11/10/2022	OM
AL0001364	MILLRY WATER WORKS	7/28/2022	9/4/2022	OM
AL0001306	MITCHELL WATER SYSTEM INC	11/19/2021	12/6/2021	OM
AL0001005	MOBILE BOARD OF WATER AND SEWER COMM.	7/21/2022	7/25/2022	OM
AL0001052	MONROEVILLE (WATER WORKS BD. OF CITY OF)	1/13/2022	2/10/2022	OM
AL0001160	MONTEVALLO WATER WORKS & SEWER	2/3/2022	2/8/2022	OM
AL0000853	MOSSES WATER & FIRE PRO AUTHORITY	11/9/2021	11/24/2021	OM
AL0000798	MOULTON WATER WORKS BOARD	3/31/2022	4/18/2022	OM
AL0000089	MT ANDREW WATER AUTHORITY	9/21/2022	10/11/2022	OM
AL0000321	MUSCLE SHOALS UTILITY BOARD	5/2/2022	5/20/2022	OM
AL0001506	MYRTLEWOOD WATER SYSTEM	9/22/2022	11/10/2022	OM
AL0000693	NAPIER FIELD WATER SYSTEM	9/16/2022	9/28/2022	OM
AL0000322	NATCHEZ TRACE PARKWAY	5/5/2022	5/17/2022	OM
AL0001342	NAUVOO WATER WORKS	3/31/2022	5/2/2022	OM
AL0001088	NE MORGAN CO WATER AND SEWER AUTHORITY	7/26/2022	8/19/2022	OM
AL0000122	NECTAR WATER DEPARTMENT (TOWN OF)	2/18/2022	2/23/2022	OM

AL0000302	NEW BROCKTON WATER DEPARTMENT	5/24/2022	6/24/2022	OM
AL0000893	NEW HOPE WATER SYSTEM	1/27/2022	2/10/2022	OM
AL0001437	NEW LONDON WATER & FIRE PRO AUTHORITY	3/30/2022	4/6/2022	OM
AL0001283	NEW SITE WATER SYSTEM	9/7/2022	9/29/2022	OM
AL0000439	NEWTON WATER WORKS BOARD	5/24/2022	6/24/2022	OM
AL0000023	NORTH BALDWIN UTILITIES	9/7/2022	10/7/2022	OM
AL0000243	NORTH CHOCTAW WATER & SEWER AUTHORITY	7/7/2022	8/5/2022	OM
AL0000482	NORTH DALLAS WATER AUTHORITY	9/12/2022	9/27/2022	OM
AL0000945	NORTH MARSHALL UTILITIES	4/27/2022	5/9/2022	OM
AL0001422	NORTHEAST ALABAMA WATER SYSTEM	3/30/2022	4/12/2022	OM
AL0000587	NORTHEAST ETOWAH COUNTY WATER CO-OP	6/2/2022	6/21/2022	OM
AL0000862	NOTASULGA WATER SYSTEM	9/6/2022	9/29/2022	OM
AL0001343	OAKMAN WATER WORKS	7/27/2022	8/15/2022	OM
AL0001203	ODENVILLE (UTIL BOARD OF THE TOWN OF)	4/27/2022	5/10/2022	OM
AL0000103	ONEONTA UTILITIES BOARD	2/18/2022	2/23/2022	OM
AL0000816	OPELIKA UTILITIES	9/22/2022	9/26/2022	OM
AL0000375	OPP UTILITIES BOARD	6/10/2022	7/7/2022	OM
AL0000484	ORRVILLE WATER DEPARTMENT (TOWN OF)	9/19/2022	9/26/2022	OM
AL0000393	OWASSA-BROWNSVILLE WATER AUTHORITY	1/28/2022	2/17/2022	OM
AL0000897	OWENS CROSSROADS WATER AUTHORITY	3/3/2022	3/15/2022	OM
AL0000162	OXFORD WATER WORKS & SEWER BOARD	10/15/2021	10/20/2021	OM
AL0001344	PARRISH WATER WORKS BOARD	11/30/2021	12/20/2021	OM
AL0001163	PELHAM WATER WORKS	9/29/2022	10/23/2022	OM
AL0001204	PELL CITY WATER WORKS	12/2/2021	12/15/2021	OM
AL0000244	PENNINGTON (UTILITIES BOARD OF)	7/7/2022	8/8/2022	OM
AL0001490	PERDIDO BAY WATER, SEWER & FPA	9/23/2022	10/17/2022	OM
AL0001427	PERRY COUNTY WATER AUTHORITY	9/8/2022	9/27/2022	OM
AL0001309	PETERSON WATER SYSTEM	11/18/2021	12/6/2021	OM
AL0001142	PHENIX CITY UTILITIES	7/14/2022	7/18/2022	OM
AL0000292	PILGRIMS PRIDE CORPORATION	9/15/2022	10/4/2022	OM
AL0000443	PINCKARD WATER DEPARTMENT	5/24/2022	6/24/2022	OM
AL0001393	PINE HILL WATER DEPARTMENT	8/18/2022	8/25/2022	OM
AL0001073	PINTLALA WATER SYSTEM, INC.	8/18/2022	8/26/2022	OM
AL0000726	PISGAH WATER WORKS	1/24/2022	2/8/2022	OM
AL0001808	PLURIS ALABAMA LLC	3/3/2022	3/16/2022	OM
AL0001345	PROVIDENCE WATER AUTHORITY	7/27/2022	8/15/2022	OM
AL0001508	QUINT-MAR WATER AUTHORITY	7/14/2022	7/19/2022	OM
AL0001208	RAGLAND (THE WW BOARD OF THE TOWN OF)	3/18/2022	3/23/2022	OM
AL0000607	RED BAY WATER & GAS BOARD	3/28/2022	4/8/2022	OM
AL0000378	RED LEVEL WATER WORKS	2/4/2022	2/17/2022	OM
AL0000589	REECE CITY WATER SYSTEM	3/31/2022	4/12/2022	OM

AL0001107	REFORM WATER & SEWER BOARD	5/25/2022	6/23/2022	OM
AL0000344	REPTON WATER WORKS	9/15/2022	11/10/2022	OM
AL0000379	RIVER FALLS WATER SYSTEM	2/4/2022	2/17/2022	OM
AL0001209	RIVERSIDE (TOWN OF)	11/10/2021	11/17/2021	OM
AL0000570	RIVERVIEW WATER WORKS	6/10/2022	7/5/2022	OM
AL0001127	ROANOKE (THE UTIL. BD. OF THE CITY OF)	1/27/2022	2/3/2022	OM
AL0001145	RUSSELL COUNTY WATER AUTHORITY	4/7/2022	4/20/2022	OM
AL0000392	RUTLEDGE WATER WORKS	7/14/2022	7/15/2022	OM
AL0000628	SAMSON WATER WORKS	6/2/2022	6/27/2022	OM
AL0000384	SANFORD WATER SYSTEM	8/30/2022	9/15/2022	OM
AL0000947	SARDIS CITY WATER BOARD	2/28/2022	3/17/2022	OM
AL0001022	SATSUMA WATER WORKS	8/25/2022	10/5/2022	OM
AL0000729	SCOTTSBORO WATER WORKS	6/29/2022	7/11/2022	OM
AL0001077	SELLERS STATION WATER SYSTEM	8/24/2022	8/26/2022	OM
AL0000490	SELMA WATER WORKS & SEWER BOARD	9/20/2022	9/28/2022	OM
AL0000065	SILVERHILL WATER SYSTEM (TOWN OF)	9/7/2022	10/7/2022	OM
AL0000820	SMITHS WATER AND SEWER AUTHORITY	2/23/2022	2/28/2022	OM
AL0000108	SNEAD WATER WORKS	2/16/2022	2/24/2022	OM
AL0000593	SOLODIXON FORESTRY EDUCATION CENTER	8/31/2022	9/15/2022	OM
AL0000967	SOUTH ALABAMA UTILITIES WATER SYSTEM	9/1/2022	10/5/2022	OM
AL0000117	SOUTH BULLOCK COUNTY WATER AUTHORITY	7/20/2022	7/21/2022	OM
AL0000500	SOUTH DALLAS WATER AUTHORITY	9/19/2022	9/26/2022	OM
AL0000591	SOUTHSIDE WATER WORKS	6/28/2022	7/11/2022	OM
AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	7/11/2022	7/25/2022	OM
AL0000329	SPRING VALLEY WATER AUTHORITY	3/18/2022	3/25/2022	OM
AL0001211	SPRINGVILLE WATER WORKS	3/17/2022	3/23/2022	OM
AL0001366	ST STEPHENS WATER SYSTEM	7/8/2022	8/9/2022	OM
AL0000732	STEVENSON (UTIL. BOARD OF THE TOWN OF)	4/26/2022	5/9/2022	OM
AL0000772	SULLIGENT (CITY OF)	9/22/2022	11/17/2022	OM
AL0000073	SUMMERDALE WATER WORKS	8/30/2022	9/8/2022	OM
AL0000831	SWAN CREEK COMMUNITY (ROYCE SWAN, LLC)	5/18/2022	5/23/2022	OM
AL0000949	SWEARENGIN WATER SYSTEM	1/27/2022	2/10/2022	OM
AL0001378	SYCAMORE WATER AND SEWER AUTHORITY	2/24/2022	3/1/2022	OM
AL0001258	SYLACAUGA UTILITIES BOARD	9/1/2022	11/4/2022	OM
AL0001260	TALLADEGA WATER AND SEWER BOARD, CITY OF	9/16/2022	11/10/2022	OM
AL0001261	TALLADEGA-SHELBY WATER TREATMENT PLANT	9/1/2022	11/4/2022	OM
AL0000548	TALLASSEE WATER WORKS	8/26/2022	9/23/2022	OM
AL0000918	THE WW & SB OF THE TOWN OF SWEET WATER	8/18/2022	9/26/2022	OM
AL0000262	THOMASVILLE WATER WORKS & SEWER BOARD	8/22/2022	9/26/2022	OM
AL0000229	THORSBY WATER WORKS BOARD	8/11/2022	8/23/2022	OM
AL0000583	TILLISON BEND WATER AUTHORITY	6/3/2022	6/9/2022	OM

AL0000800	TOWN CREEK WATER SYSTEM	5/4/2022	5/13/2022	OM
AL0001353	TOWNLEY WATER AUTHORITY	4/20/2022	5/12/2022	OM
AL0000905	TRIANA WATER WORKS	7/26/2022	8/25/2022	OM
AL0001091	TRINITY WATER WORKS SYSTEM	7/26/2022	8/25/2022	OM
AL0001510	TURNERVILLE WATER & FIRE PRO DISTRICT	8/26/2022	9/26/2022	OM
AL0001313	TUSCALOOSA WATER & SEWER	6/16/2022	7/8/2022	OM
AL0000331	TUSCUMBIA WATER WORKS	5/3/2022	5/20/2022	OM
AL0000870	TUSKEGEE UTILITIES BOARD	9/16/2022	10/7/2022	OM
AL0000929	TWIN WATER AUTHORITY	4/26/2022	5/10/2022	OM
AL0000951	UNION GROVE UTILITY BOARD	1/26/2022	2/18/2022	OM
AL0000118	UNION SPRINGS UTIL BOARD	7/22/2022	8/5/2022	OM
AL0001100	UNIONTOWN WATER WORKS & SEWER BOARD	9/12/2022	9/27/2022	OM
AL0000927	UPPER BEAR CREEK WATER AUTHORITY	4/26/2022	5/10/2022	OM
AL0001056	URIAH WATER SYSTEM INC.	7/8/2022	7/22/2022	OM
AL0000413	V.A.W. WATER SYSTEM, INC	12/2/2021	12/20/2021	OM
AL0000523	VALLEY HEAD WATER WORKS BOARD	4/27/2022	5/9/2022	OM
AL0000612	VINA WATER WORKS BOARD	3/17/2022	3/24/2022	OM
AL0001288	WALL STREET WATER AUTHORITY	9/6/2022	9/29/2022	OM
AL0000592	WALNUT GROVE (TOWN OF)	10/21/2021	11/18/2021	OM
AL0001289	WALNUT HILL WATER AUTHORITY	9/9/2022	9/29/2022	OM
AL0001784	WASHINGTON COUNTY WATER AUTHORITY	7/28/2022	8/30/2022	OM
AL0001229	WATER WORKS, INC.	7/21/2022	8/5/2022	OM
AL0001216	WATTSVILLE WATER AUTHORITY	3/18/2022	4/6/2022	OM
AL0000297	WAYNE FARMS LLC	9/15/2022	10/3/2022	OM
AL0000168	WEAVER WATER SYSTEM	3/17/2022	3/23/2022	OM
AL0000168	WEAVER WATER SYSTEM	3/18/2022	3/23/2022	OM
AL0000708	WEBB WATER SYSTEM	5/25/2022	6/24/2022	OM
AL0001750	WEST AUTAUGA WATER AUTHORITY	8/24/2022	9/15/2022	OM
AL0001566	WEST BANK DAMSITE/W F GEORGE LAKE	9/14/2022	10/11/2022	OM
AL0000087	WEST BARBOUR COUNTY WATER AUTHORITY	5/26/2022	6/24/2022	OM
AL0000097	WEST BLOCTON WATER WORKS	8/3/2022	8/23/2022	OM
AL0000491	WEST DALLAS CO WATER AUTHORITY	9/19/2022	9/26/2022	OM
AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	6/30/2022	7/11/2022	OM
AL0000794	WEST LAUDERDALE CO WATER & FPA	5/5/2022	5/13/2022	OM
AL0000858	WHITE HALL WATER BOARD	11/30/2021	1/25/2022	OM
AL0000076	WHITE HOUSE WATER SYSTEM, INC.	9/21/2022	10/16/2022	OM
AL0000573	WHORTON BEND WATER AUTHORITY	5/31/2022	6/21/2022	OM
AL0001371	WILCOX COUNTY WATER AUTHORITY	8/25/2022	9/23/2022	OM
AL0000669	WILLS CROSS ROADS WATER SYSTEM	5/25/2022	6/24/2022	OM
AL0001172	WILTON WATER WORKS	3/1/2022	3/7/2022	OM
AL0000930	WINFIELD WATER WORKS & SEWER BOARD	4/27/2022	5/10/2022	OM

AL0000366	WISE METALS GROUP, LLC (CONSTELLIUM)	4/1/2022	4/19/2022	OM
AL0001132	WOODLAND WATER BOARD	3/31/2022	4/6/2022	OM
AL0001223	YORK WATER SYSTEM/CITY OF YORK	9/22/2022	11/10/2022	OM
AL0001136	WESTROCK COATED BOARD, LLC	9/29/2022	12/20/2022	SITE
AL0000805	BEAUREGARD WATER AUTHORITY	10/19/2021		SMPL
AL0000805	BEAUREGARD WATER AUTHORITY	2/7/2022		SMPL
AL0000805	BEAUREGARD WATER AUTHORITY	6/15/2022		SMPL
AL0000025	BELFOREST WATER SYSTEM	7/21/2022		SMPL
AL0000025	BELFOREST WATER SYSTEM	11/30/2021		SMPL
AL0000025	BELFOREST WATER SYSTEM	3/1/2022		SMPL
AL0000025	BELFOREST WATER SYSTEM	5/3/2022		SMPL
AL0001423	GREENHILL WATER & FIRE PRO AUTHORITY	9/7/2022		SMPL
AL0000878	HARVEST-MONROVIA WATER SYSTEM	12/6/2021		SMPL
AL0000878	HARVEST-MONROVIA WATER SYSTEM	6/8/2022		SMPL
AL0000878	HARVEST-MONROVIA WATER SYSTEM	9/7/2022		SMPL
AL0000878	HARVEST-MONROVIA WATER SYSTEM	3/8/2022		SMPL
AL0001794	KEYSTONE FOODS LLC - EUFAULA PROCESSING	8/16/2022		SMPL
AL0001437	NEW LONDON WATER & FIRE PRO AUTHORITY	6/7/2022		SMPL
AL0001437	NEW LONDON WATER & FIRE PRO AUTHORITY	7/13/2022		SMPL
AL0001437	NEW LONDON WATER & FIRE PRO AUTHORITY	3/7/2022		SMPL
AL0001437	NEW LONDON WATER & FIRE PRO AUTHORITY	10/20/2021		SMPL
AL0000393	OWASSA-BROWNSVILLE WATER AUTHORITY	8/24/2022		SMPL
AL0000393	OWASSA-BROWNSVILLE WATER AUTHORITY	5/3/2022		SMPL
AL0000441	OZARK UTILITIES BOARD	11/3/2021		SMPL
AL0000441	OZARK UTILITIES BOARD	6/22/2022		SMPL
AL0000441	OZARK UTILITIES BOARD	8/16/2022		SMPL
AL0001508	QUINT-MAR WATER AUTHORITY	2/8/2022		SMPL
AL0001508	QUINT-MAR WATER AUTHORITY	7/20/2022		SMPL
AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	5/2/2022		SMPL
AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	11/29/2021		SMPL
AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	2/28/2022		SMPL
AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	8/22/2022		SMPL
AL0001366	ST STEPHENS WATER SYSTEM	2/28/2022		SMPL
AL0001366	ST STEPHENS WATER SYSTEM	5/2/2022		SMPL
AL0001366	ST STEPHENS WATER SYSTEM	8/22/2022		SMPL
AL0000073	SUMMERDALE WATER WORKS	3/1/2022		SMPL
AL0000073	SUMMERDALE WATER WORKS	8/23/2022		SMPL
AL0000073	SUMMERDALE WATER WORKS	5/2/2022		SMPL
AL0000110	TYSON FARM, INC. (BLOUNT CO.)	9/8/2022		SMPL
AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	3/7/2022		SMPL
AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	9/8/2022		SMPL

AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	6/7/2022		SMPL
AL0001070	MONTGOMERY WATER WORKS	3/9/2022	3/15/2022	SNSP
AL0000657	ABBEVILLE WATER WORKS & SEWER BOARD	8/10/2022	8/22/2022	SNSV
AL0001402	ADDISON WATER WORKS	12/1/2021	12/20/2021	SNSV
AL0001767	AKRON WATER DEPARTMENT, TOWN OF	7/13/2022	7/25/2022	SNSV
AL0000004	ALABAMA DOT/I-10 AL/FL WELCOME CENTER	8/26/2022	9/16/2022	SNSV
AL0001628	ALLEN AAF	1/19/2022	2/8/2022	SNSV
AL0000098	ALLGOOD WATER WORKS (TOWN OF)	3/16/2022	4/6/2022	SNSV
AL0001489	AMERICAN WATER ENTERPRISES, LLC	8/26/2022	9/16/2022	SNSV
AL0000671	ASHFORD WATER WORKS	6/1/2022	6/28/2022	SNSV
AL0000264	ASHLAND WATER & SEWER BOARD	9/20/2022	10/6/2022	SNSV
AL0001176	ASHVILLE WATER AND SEWER	3/30/2022	4/6/2022	SNSV
AL0000079	BAKERHILL WATER AUTHORITY	7/15/2022	7/18/2022	SNSV
AL0000022	BALDWIN BAPTIST CAMP	8/24/2022	9/16/2022	SNSV
AL0001365	BASF CORPORATION	9/8/2022	9/16/2022	SNSV
AL0000957	BAYOU LA BATRE UTILITIES	3/15/2022	4/12/2022	SNSV
AL0000920	BEAR CREEK WATER WORKS	3/30/2022	5/2/2022	SNSV
AL0000805	BEAUREGARD WATER AUTHORITY	2/18/2022	2/28/2022	SNSV
AL0000596	BERRY WATER DEPARTMENT, TOWN OF	7/1/2022	7/8/2022	SNSV
AL0000737	BESSEMER WATER SERVICE	8/25/2022	9/16/2022	SNSV
AL0001149	BETHEL WATER SYSTEM	3/2/2022	3/3/2022	SNSV
AL0000658	BETHLEHEM WATER AUTHORITY	6/1/2022	6/28/2022	SNSV
AL0001811	BIRMINGHAM AL VA MEDICAL CENTER	7/29/2022	8/8/2022	SNSV
AL0000738	BIRMINGHAM WATER WORKS BOARD	3/4/2022	3/23/2022	SNSV
AL0001769	BLUE HOLE WATER COMPANY, INC., THE	5/11/2022	5/12/2022	SNSV
AL0000555	BREWTON WATER WORKS	3/31/2022	4/26/2022	SNSV
AL0000741	BROOKSIDE WATER WORKS	5/23/2022	6/20/2022	SNSV
AL0001290	BUHL, ELROD & HOLMAN WATER AUTHORITY	6/13/2022	7/7/2022	SNSV
AL0000139	CAMP COTTAQUILLA GSA	10/28/2021	11/15/2021	SNSV
AL0000140	CAMP LEE	10/28/2021	11/15/2021	SNSV
AL0001227	CAMP MAC	11/8/2021	11/22/2021	SNSV
AL0001184	CAMP SUMATANGA	12/1/2021	12/20/2021	SNSV
AL0001540	CARROLLS CREEK WATER AUTHORITY	4/19/2022	5/12/2022	SNSV
AL0001103	CARROLLTON WATER WORKS	11/17/2021	12/6/2021	SNSV
AL0001739	CENTRAL TALLADEGA COUNTY WATER AUTHORITY	8/2/2022	8/31/2022	SNSV
AL0001775	CHANDLER MTN/GREASY COVE WATER AUTHORITY	5/4/2022	5/9/2022	SNSV
AL0000184	CHATTAHOOCHEE VALLEY WATER SUPPLY DIST	1/28/2022	2/3/2022	SNSV
AL0000189	CHEROKEE COUNTY WATER AUTHORITY	12/8/2021	12/15/2021	SNSV
AL0000311	CHEROKEE WATER & GAS DEPARTMENT	5/5/2022	5/18/2022	SNSV
AL0001228	CHILDERSBURG WATER & SEWER BOARD	2/24/2022	3/11/2022	SNSV
AL0000233	CHOCTAW-EDNA WATER AUTHORITY, INC.	6/30/2022	7/22/2022	SNSV

AL0001293	CITIZENS WATER SERVICE, INC.	6/13/2022	7/5/2022	SNSV
AL0000082	CLAYTON WATER WORKS & SEWER	8/12/2022	9/12/2022	SNSV
AL0001225	CLEAR CREEK HARBOR, LLC	11/8/2021	11/22/2021	SNSV
AL0001761	CLEBURNE COUNTY WATER AUTHORITY	2/4/2022	2/7/2022	SNSV
AL0000083	CLIO WATER WORKS	8/11/2022	9/12/2022	SNSV
AL0000252	COFFEEVILLE WATER WORKS (TOWN OF)	8/26/2022	11/4/2022	SNSV
AL0000275	COLEMAN LAKE USFS REC AREA	2/2/2022	2/7/2022	SNSV
AL0000506	COLLINSVILLE WATER WORKS	6/1/2022	6/21/2022	SNSV
AL0001248	COOSA PINES RECREATION ASSOC., INC.	10/29/2021	11/22/2021	SNSV
AL0001327	COPELAND FERRY/PUMPKIN CENTER WA	4/20/2022	5/12/2022	SNSV
AL0001326	CORDOVA WATER WORKS & GAS BOARD	4/20/2022	5/12/2022	SNSV
AL0000677	COTTONWOOD WATER WORKS	8/25/2022	9/16/2022	SNSV
AL0000678	COWARTS WATER SYSTEM	8/23/2022	9/12/2022	SNSV
AL0001460	COWIKEE WATER AUTHORITY	9/19/2022	9/26/2022	SNSV
AL0001217	CUBA WATER BOARD	5/11/2022	5/13/2022	SNSV
AL0001764	CWM WATER AUTHORITY	9/15/2022	10/5/2022	SNSV
AL0000415	DALE COUNTY WATER AUTHORITY	8/22/2022	9/12/2022	SNSV
AL0000420	DALEVILLE WATER & SEWER BOARD	5/31/2022	6/23/2022	SNSV
AL0000029	DAPHNE (UTILITIES BOARD OF THE CITY OF)	9/8/2022	10/6/2022	SNSV
AL0000971	DAUPHIN ISLAND WATER & SEWER	8/24/2022	9/26/2022	SNSV
AL0000681	DOTHAN UTILITIES (CITY OF)	3/8/2022	3/30/2022	SNSV
AL0001410	DOUBLE SPRINGS (TOWN OF) W&S BOARD	7/27/2022	8/25/2022	SNSV
AL0000940	DOUGLAS WATER AUTHORITY	3/29/2022	4/15/2022	SNSV
AL0000558	EAST BREWTON WATER & SEWER BOARD	4/1/2022	4/26/2022	SNSV
AL0001630	ECH AAF	1/19/2022	2/8/2022	SNSV
AL0000533	ECLECTIC WATER WORKS & SEWER BOARD	4/29/2022	5/6/2022	SNSV
AL0000277	EDWARDSVILLE WATER & FIRE PRO AUTHORITY	2/2/2022	2/9/2022	SNSV
AL0001815	ENERGY CENTER WATER SYSTEM	8/24/2022	9/8/2022	SNSV
AL0000563	ESCAMBIA COMMUNITY UTILITIES LLC	6/10/2022	7/1/2022	SNSV
AL0000085	EUFAULA WATER WORKS	7/1/2022	7/6/2022	SNSV
AL0001740	EUREKA WATER SERVICE, INC.	7/6/2022	7/25/2022	SNSV
AL0000035	FAIRHOPE WATER SYSTEM (CITY OF)	9/8/2022	10/11/2022	SNSV
AL0000036	FOLEY (UTILITIES BOARD OF THE CITY OF)	9/23/2022	10/20/2022	SNSV
AL0000575	FORDS VALLEY & HWY 278 WATER	6/2/2022	6/21/2022	SNSV
AL0000509	FORT PAYNE WATER WORKS BOARD	10/19/2021	11/18/2021	SNSV
AL0001802	FORWARD OPERATING BASE	1/19/2022	2/8/2022	SNSV
AL0000537	FRIENDSHIP WATER WORKS	9/28/2022	10/7/2022	SNSV
AL0001360	FRUITDALE WATER SYSTEM	9/22/2022	10/5/2022	SNSV
AL0001791	FSI EVERGREEN ESTATES PROPERTY, LLC	5/27/2022	6/9/2022	SNSV
AL0001798	FSI GREEN PARK SOUTH PROPERTY LLC	4/28/2022	5/6/2022	SNSV
AL0001137	FT MITCHELL WATER SYSTEM	7/8/2022	7/11/2022	SNSV

AL0000404	GARDEN CITY WATER DEPARTMENT	7/25/2022	8/15/2022	SNSV
AL0000622	GENEVA WATER WORKS	6/2/2022	7/6/2022	SNSV
AL0001433	GOLDEN ROD BROILERS	2/16/2022	2/24/2022	SNSV
AL0000351	GOODWATER WTR WORKS & SEWER BD (CITY OF)	4/1/2022	4/14/2022	SNSV
AL0000685	GORDON TOWN OF	6/1/2022	6/28/2022	SNSV
AL0001114	GOSHEN WATER WORKS DIST SYSTEM	11/15/2021	12/17/2021	SNSV
AL0000748	GRAYSVILLE WATER & SEWER BOARD	5/26/2022	6/20/2022	SNSV
AL0000642	GREENE COUNTY STEAM PLANT	6/1/2022	6/9/2022	SNSV
AL0000643	GREENE COUNTY WATER AUTHORITY	9/21/2022	11/17/2022	SNSV
AL0001445	GREENETRACK, INC	6/8/2022	6/22/2022	SNSV
AL0000255	GROVE HILL WATER WORKS	8/24/2022	10/13/2022	SNSV
AL0000038	GULF SHORES (UTILITIES BOARD CITY OF)	9/22/2022	10/20/2022	SNSV
AL0001814	GULF STATE PARK INTERPRETIVE CENTER WTS	9/22/2022	10/17/2022	SNSV
AL0000943	GUNTERSVILLE WATER WORKS & SEWER BOARD	10/20/2021	11/18/2021	SNSV
AL0001509	HALE COUNTY WATER AUTHORITY	9/7/2022	11/4/2022	SNSV
AL0000406	HANCEVILLE (THE WWSB OF THE CITY OF)	2/17/2022	2/24/2022	SNSV
AL0000624	HARTFORD WATER WORKS	5/27/2022	6/30/2022	SNSV
AL0000316	HAWK PRIDE MT WATER SYSTEM	5/5/2022	5/18/2022	SNSV
AL0000102	HAYDEN WATER WORKS	5/11/2022	5/12/2022	SNSV
AL0000663	HENRY COUNTY WATER AUTHORITY	8/24/2022	9/12/2022	SNSV
AL0001633	HIGH BLUFF AAF	1/19/2022	2/8/2022	SNSV
AL0001702	HILLTOP RV PARK	8/24/2022	9/16/2022	SNSV
AL0000149	HOBSON CITY WATER SYSTEM	8/3/2022	9/12/2022	SNSV
AL0001361	HOBSON WATER SYSTEM	9/7/2022	9/16/2022	SNSV
AL0000581	HOKES BLUFF WATER BOARD	10/18/2021	11/18/2021	SNSV
AL0000245	HOLLINS WATER AUTHORITY	9/21/2022	10/6/2022	SNSV
AL0001755	HOUSTON COUNTY WATER AUTHORITY	3/9/2022	3/21/2022	SNSV
AL0000040	HUBBARD LANDING, INC	8/4/2022	8/18/2022	SNSV
AL0001139	HURTSBORO WATER & SEWER BOARD	4/7/2022	4/20/2022	SNSV
AL0001715	I-65 RV CAMPGROUND, LLC	9/20/2022	10/5/2022	SNSV
AL0000456	INTERNATIONAL PAPER COMPANY (SELMA)	8/3/2022	8/18/2022	SNSV
AL0000021	INTERNATIONAL PAPER, PRATTVILLE MILL	2/4/2022	2/25/2022	SNSV
AL0000751	IRONDALE WATER SYSTEM	10/27/2021	11/3/2021	SNSV
AL0000298	JACK WATER SYSTEM, INC	7/22/2022	7/25/2022	SNSV
AL0000256	JACKSON WATER WORKS & SEWER BOARD	8/23/2022	9/26/2022	SNSV
AL0001279	JACKSONS GAP WATER AUTHORITY	9/8/2022	9/29/2022	SNSV
AL0000154	JACKSONVILLE WATER WORKS, GAS AND SEWER	10/13/2021	10/20/2021	SNSV
AL0001336	JASPER WATER WORKS AND SEWER BOARD	6/29/2022	7/7/2022	SNSV
AL0000219	JEMISON WATER WORKS	3/16/2022	3/28/2022	SNSV
AL0000408	JOHNSONS CROSSING WATER SYSTEM	7/25/2022	8/15/2022	SNSV
AL0000409	JOPPA, HULACO & RYAN WATER AUTHORITY	7/25/2022	8/15/2022	SNSV

AL0000352	KELLYTON WATER SYSTEM	4/1/2022	4/14/2022	SNSV
AL0000689	KINSEY WATER SYSTEM	6/1/2022	6/28/2022	SNSV
AL0000299	KINSTON WATER WORKS	7/22/2022	7/25/2022	SNSV
AL0000993	KUSHLA WATER DISTRICT	8/25/2022	9/22/2022	SNSV
AL0001799	LAKE MITCHELL WATER, INCORPORATED	1/21/2022	2/10/2022	SNSV
AL0001800	LAKE THOLOCCO RECREATION AREA - AMERICAN	1/19/2022	2/8/2022	SNSV
AL0000753	LEEDS WATER BOARD	4/28/2022	5/10/2022	SNSV
AL0000833	LIMESTONE COUNTY WATER SYSTEM	12/1/2021	1/6/2022	SNSV
AL0000268	LINEVILLE WATER WORKS BOARD	9/21/2022	10/6/2022	SNSV
AL0001159	LITTLE WAXIE WATER AUTHORITY	3/2/2022	3/3/2022	SNSV
AL0000320	LITTLEVILLE WATERWORKS	3/16/2022	3/29/2022	SNSV
AL0001220	LIVINGSTON WATER WORKS	9/9/2022	11/17/2022	SNSV
AL0000814	LOACHAPOKA WATER AUTHORITY	2/18/2022	2/28/2022	SNSV
AL0001244	LOGAN LANDING RV RESORT & CAMPGROUND	10/29/2021	11/22/2021	SNSV
AL0000088	LOUISVILLE WATER WORKS	8/11/2022	9/9/2022	SNSV
AL0000852	LOWNDESBORO WATER SYSTEM	11/10/2021	12/17/2021	SNSV
AL0000048	LOXLEY (TOWN OF)	9/8/2022	10/11/2022	SNSV
AL0000390	LUVERNE WATER & SEWER DEPARTMENT	4/4/2022	7/5/2022	SNSV
AL0000341	LYEFFION WATER AND FIRE PRO AUTHORITY	9/2/2022	9/15/2022	SNSV
AL0000867	MACON COUNTY WATER AUTHORITY	5/2/2022	5/9/2022	SNSV
AL0000888	MADISON COUNTY WATER DEPARTMENT	3/2/2022	3/17/2022	SNSV
AL0000626	MALVERN WATER DEPARTMENT	8/24/2022	9/12/2022	SNSV
AL0000221	MAPLESVILLE WATER WORKS	3/16/2022	3/28/2022	SNSV
AL0001199	MARGARET WATER WORKS	5/20/2022	6/7/2022	SNSV
AL0000566	MCCALL WATER SYSTEM INC	6/9/2022	7/1/2022	SNSV
AL0001363	MCINTOSH WATER & FIRE PRO AUTHORITY	7/29/2022	8/30/2022	SNSV
AL0000128	MCKENZIE WATER BOARD	3/30/2022	7/7/2022	SNSV
AL0001513	MID-CENTRAL WATER AUTHORITY	3/30/2022	4/7/2022	SNSV
AL0000259	MID-CLARKE WATER SYSTEM	4/22/2022	5/5/2022	SNSV
AL0000438	MIDLAND CITY WATER DEPARTMENT	8/23/2022	9/12/2022	SNSV
AL0001760	MILLERS FERRY WATER AUTHORITY, INC.	8/17/2022	9/6/2022	SNSV
AL0000270	MILLERVILLE WATER & FIRE PRO AUTHORITY	9/21/2022	10/6/2022	SNSV
AL0001002	MOBILE COUNTY WATER & FIRE PRO AUTHORITY	1/6/2022	1/31/2022	SNSV
AL0001070	MONTGOMERY WATER WORKS	3/10/2022	3/28/2022	SNSV
AL0000651	MOUNDVILLE WATER WORKS	9/7/2022	11/10/2022	SNSV
AL0001006	MT. VERNON (TOWN OF)	9/1/2022	9/22/2022	SNSV
AL0000755	MULGA WATER WORKS AND GAS DEPARTMENT	5/27/2022	6/20/2022	SNSV
AL0001247	MUNFORD WATER AUTHORITY, INC.	8/2/2022	8/31/2022	SNSV
AL0000666	NEWVILLE WATER SYSTEM	8/23/2022	9/12/2022	SNSV
AL0001771	NORTH CLARKE WATER AUTHORITY	4/22/2022	5/5/2022	SNSV
AL0001307	NORTHPORT WATER WORKS	6/17/2022	7/8/2022	SNSV

AL0001202	NORTHWEST ST CLAIR WATER SYSTEM	5/3/2022	5/9/2022	SNSV
AL0001673	OASIS TRAVEL CENTER	8/25/2022	9/16/2022	SNSV
AL0000161	OHATCHEE WATER SYSTEM	5/18/2022	6/7/2022	SNSV
AL0001674	OLD CAHAWBA ARCHAEOLOGICAL PARK	7/21/2022	8/8/2022	SNSV
AL0000257	OLD LINE WATER SYSTEM	8/25/2022	10/13/2022	SNSV
AL0000053	ORANGE BEACH WATER, SEWER AND F.P.A.	9/22/2022	10/20/2022	SNSV
AL0000441	OZARK UTILITIES BOARD	8/23/2022	9/12/2022	SNSV
AL0000028	PARK CITY WATER AUTHORITY, INC	7/8/2022	7/25/2022	SNSV
AL0000223	PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM	3/16/2022	5/5/2022	SNSV
AL0000606	PHIL CAMPBELL WATER WORKS	3/17/2022	3/29/2022	SNSV
AL0001106	PICKENS COUNTY WATER & F. P. AUTHORITY	5/26/2022	7/7/2022	SNSV
AL0000164	PIEDMONT UTILITIES BOARD	12/9/2021	12/15/2021	SNSV
AL0001120	PIKE COUNTY WATER AUTHORITY	11/29/2021	1/25/2022	SNSV
AL0001072	PILGRIM-PROVIDENCE WATER AUTHORITY	8/31/2022	9/1/2022	SNSV
AL0001391	PINE APPLE WATER WORKS	8/25/2022	9/23/2022	SNSV
AL0000104	PINE BLUFF WATER AUTHORITY	5/25/2022	6/20/2022	SNSV
AL0001071	PINE LEVEL WATER AUTHORITY	9/16/2022	9/20/2022	SNSV
AL0001205	PINEDALE SHORES WSFPA	5/3/2022	5/9/2022	SNSV
AL0000546	POLLARD WATER SYSTEM	6/9/2022	7/1/2022	SNSV
AL0000017	PRATTVILLE (WATER WORKS BOARD OF)	9/2/2022	9/15/2022	SNSV
AL0001015	PRICHARD WATER WORKS BOARD	1/10/2022	2/1/2022	SNSV
AL0000588	RAINBOW CITY UTILITIES BOARD	5/31/2022	6/21/2022	SNSV
AL0001074	RAMER WATER COMPANY, INC.	8/12/2022	8/16/2022	SNSV
AL0000283	RANBURNE WATER & SEWER DEPARTMENT	2/2/2022	2/8/2022	SNSV
AL0001537	RANDOLPH COUNTY WATER & SEWER AUTHORITY	9/19/2022	9/23/2022	SNSV
AL0000095	RANDOLPH WATER SYSTEM	3/16/2022	3/28/2022	SNSV
AL0001719	RANGE CONTROL	1/19/2022	2/8/2022	SNSV
AL0001285	RAY WATER AUTHORITY	3/18/2022	4/7/2022	SNSV
AL0001672	REMLAP-PINE MTN WATER AUTHORITY	5/10/2022	5/12/2022	SNSV
AL0000061	ROBERTSDALE (CITY OF)	9/8/2022	10/12/2022	SNSV
AL0000353	ROCKFORD UTILITIES BOARD, INC	1/21/2022	2/10/2022	SNSV
AL0000789	ROGERSVILLE WATER WORKS & SEWER BOARD	2/28/2022	3/16/2022	SNSV
AL0000610	RUSSELLVILLE WATER WORKS	3/30/2022	4/18/2022	SNSV
AL0000489	SALEM ELEMENTARY SCHOOL	6/1/2022	6/28/2022	SNSV
AL0001021	SARALAND WATER SERVICE	8/25/2022	9/26/2022	SNSV
AL0000728	SECTION-DUTTON WATER SYSTEM	1/26/2022	2/8/2022	SNSV
AL0000327	SHEFFIELD UTILITIES DEPARTMENT	5/3/2022	5/20/2022	SNSV
AL0001671	SHELBY COUNTY COMMISSION-WATER SERVICES	9/29/2022	10/23/2022	SNSV
AL0000629	SLOCOMB WATER WORKS AND SEWER BOARD	5/31/2022	6/27/2022	SNSV
AL0001078	SNOWDOUN WATER SYSTEM INC	8/19/2022	8/26/2022	SNSV
AL0000397	SOUTH CRENSHAW COUNTY WATER AUTHORITY	4/5/2022	7/8/2022	SNSV

AL0001439	SOUTH MARENGO CO WATER & FIRE PRO AUTH	5/4/2022	5/6/2022	SNSV
AL0000066	SOUTHPORT CAMPGROUNDS	7/6/2022	7/25/2022	SNSV
AL0000068	SPANISH FORT WATER SYSTEM	9/21/2022	10/17/2022	SNSV
AL0001031	ST. ELMO-IRVINGTON WATER AUTHORITY	8/25/2022	9/22/2022	SNSV
AL0000865	STAR-MINDINGALL WATER AUTHORITY	4/4/2022	4/20/2022	SNSV
AL0001213	STEELE WATER WORKS BOARD	5/16/2022	6/7/2022	SNSV
AL0001164	STERRETT-VANDIVER WATER SYSTEM	5/19/2022	6/7/2022	SNSV
AL0000354	STEWARTVILLE WATER AUTHORITY	8/4/2022	8/23/2022	SNSV
AL0000049	STYX RIVER RESORT WATER SYSTEM	8/25/2022	9/16/2022	SNSV
AL0001351	SUMITON WATER WORKS BOARD	4/21/2022	5/12/2022	SNSV
AL0001222	SUMTER COUNTY WATER AUTHORITY	9/23/2022	12/1/2022	SNSV
AL0001642	TAC-X AAF	1/24/2022	2/8/2022	SNSV
AL0001685	TALLADEGA COUNTY WATER SYSTEM	12/8/2021	12/12/2021	SNSV
AL0001781	TATE & LYLE SUCRALOSE, INC. WATER SYSTEM	9/9/2022	9/16/2022	SNSV
AL0000702	TAYLOR WATER SYSTEM	6/1/2022	6/29/2022	SNSV
AL0000919	THOMASTON WATER WORKS & GAS BOARD	8/4/2022	8/22/2022	SNSV
AL0001753	TIBBIE WATER & FIRE PROTECTION AUTHORITY	9/22/2022	10/5/2022	SNSV
AL0001643	TOTH FIELD	1/19/2022	2/8/2022	SNSV
AL0001804	TRAINING AREA-15	1/19/2022	2/8/2022	SNSV
AL0000549	TRI COMMUNITY WATER SYSTEM	2/3/2022	2/15/2022	SNSV
AL0001124	TROY UTILITIES (CITY OF)	11/16/2021	12/20/2021	SNSV
AL0000761	TRUSSVILLE UTILITIES	12/2/2021	12/15/2021	SNSV
AL0000110	TYSON FARM, INC. (BLOUNT CO.)	5/17/2022	6/7/2022	SNSV
AL0001037	U.S. AMINES (BUCKS) LLC	9/21/2022	10/5/2022	SNSV
AL0001810	UNIVERSITY OF ALABAMA AT BIRMINGHAM	4/21/2022	4/27/2022	SNSV
AL0001810	UNIVERSITY OF ALABAMA AT BIRMINGHAM	4/28/2022	5/6/2022	SNSV
AL0000899	US ARMY GARRISON-REDSTONE ARSENAL	6/9/2022	6/22/2022	SNSV
AL0000773	VERNON WATER AND SEWER BOARD	9/8/2022	11/10/2022	SNSV
AL0001168	VINCENT WATER WORKS BOARD	2/1/2022	2/15/2022	SNSV
AL0001130	WADLEY UTILITIES BOARD	9/19/2022	9/28/2022	SNSV
AL0001250	WALDO WATER SYSTEM	12/9/2021	12/27/2021	SNSV
AL0000414	WALTER WATER AUTHORITY	7/25/2022	8/15/2022	SNSV
AL0000763	WARRIOR RIVER WATER AUTHORITY	10/7/2021	10/20/2021	SNSV
AL0001131	WEDOWEE WATER, SEWER, & GAS BOARD	3/31/2022	4/6/2022	SNSV
AL0001549	WEST BANK DAMSITE/GEORGE W ANDREWS	9/14/2022	10/11/2022	SNSV
AL0000553	WEST ESCAMBIA UTILITIES INC.	5/26/2022	6/23/2022	SNSV
AL0000765	WEST JEFFERSON WATER WORKS (TOWN OF)	5/24/2022	6/20/2022	SNSV
AL0000801	WEST LAWRENCE WATER COOP	3/16/2022	3/31/2022	SNSV
AL0001092	WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	11/30/2021	1/6/2022	SNSV
AL0000551	WETUMPKA WATER WORKS & SEWER BOARD	6/17/2022	6/22/2022	SNSV
AL0000058	WILDERNESS RV PARK	7/7/2022	7/25/2022	SNSV

AL0001171	WILSONVILLE WATER WORKS	2/1/2022	2/15/2022	SNSV
AL0001219	WOLF CREEK WATER AUTHORITY	5/20/2022	6/7/2022	SNSV
AL0001797	YES SOUTHGATE, LLC	4/28/2022	5/6/2022	SNSV

Appendix B – Certified Chemical and Radiological Laboratories

LABORATORY	STATE
Advanced Environmental Laboratories, Inc.	Alabama
AIRL	Tennessee
Alabama Department of Environmental Management	Alabama
Babcock Laboratories, Inc.	California
Birmingham Water Works Board	Alabama
Eastern Analytical	New Hampshire
Eberline Services – Oak Ridge Laboratory	Tennessee
EMSL Analytical, Inc.	New Jersey
Energy Testing Laboratory	Wyoming
Enthalpy Analytical, LLC	North Carolina
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
GEL Laboratories, LLC	South Carolina
Guardian Systems	Alabama
Gulf Coast Analytical Laboratories, LLC	Louisiana
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 – West Columbia	South Carolina
Pace Analytical Services - Minnesota.	Minnesota
Pace Analytical Services - Florida	Florida
Pace Analytical Services – Pittsburgh	Pennsylvania
Pace Analytical Services – Madisonville, KY	Kentucky
GSG North America Inc. – Orlando	Florida
Southern Environmental Testing - Florence	Alabama
Southern Environmental Testing – Decatur	Alabama
Stillbrook Environmental Testing lab	Alabama
Sutherland Environmental Testing Laboratory	Alabama
Eurofins Pensacola	Florida
Eurofins Savannah	Georgia
Pace Analytical Tuscaloosa	Alabama

Waypoint Analytical	Tennessee
Wolf Creek Federal Services, Inc.	Alabama

Appendix C – Certified Bacteriological Laboratories

LAB ID	LABORATORY	TYPE
30140	Albertville 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
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
30310	Madison County Water Laboratory	Municipal
10060	Mobile Branch Laboratory	State
30040	Mobile Water Service Laboratory	Municipal
10070	Prattville Branch Laboratory	State
30220	Montgomery Industrial Waste Laboratory	Municipal
30050	Montgomery Water Works Laboratory	Municipal
30170	Opelika Water Works Laboratory	Municipal
40810	Pace Analytical Services Mobile	Commercial
40160	Pace Analytical National Center for Innovation Decatur	Commercial
40660	Pace Analytical National Center for Innovation	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 - Florence	Commercial
42600	Southern Environmental Testing – Decatur	Commercial
30130	Tuscaloosa Water Laboratory	Municipal
40750	Waypoint Analytical	Commercial