



## **FY2023 Annual Report**



## **Drinking Water Branch Water Division**

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## FY2023 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 two supervisors and one manager.

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

Community water systems serve the same people year-round. Examples of community water systems include water systems owned and operated by cities, towns, counties, and mobile home parks. At the end of FY2023, 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 FY2023, 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 FY2023, there were 43 transient non-community water systems in Alabama.

During the year, the Drinking Water Branch conducted 609 site visits, including 572 inspections and 37 sampling visits. The Branch issued, renewed, or modified 115 permits. The Branch also issued formal enforcement, including seven NOVs and 2 administrative orders to address violations of permits and/or Division 7 regulations.

### Public Participation

During FY23, 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 issued, 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 FY2023, operating permits were issued/renewed for 85 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 | 84        | 1                       | 0                            | 85    |
| New Water Systems Activated  | 0         | 0                       | 0                            | 0     |
| Water Systems Inactivated    | 0         | 0                       | 0                            | 0     |

Public water systems must obtain a permit to construct 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 permit to construct. Permits to construct are issued as modifications of the operating permit. Once the modification is effective, 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 FY2023.

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 of 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          | Placed into Service |
|----------------------------------|--------------------|---------------------|
| Miles of Water Main              | 81                 | 23                  |
| Customer Services (New)          | 56                 | 0                   |
| Fire Hydrants                    | 138                | 47                  |
| Wells and Capacity (GPM)         | 6 @ 7,225 combined | 1 @ 600 combined    |
| New Water Treatment Plants (MGD) | 2 @ 2.5 combined   | N/A                 |
| Additions to WTPs                | N/A                | N/A                 |
| Tanks and Capacity (MG)          | 6 @ 4 combined     | 1 @ 0.3 combined    |
| Final Project Cost               | N/A                | \$11,008,192.03     |

## Water System Inspection Activities

Branch staff inspect all community and non-community systems on an annual basis. At a minimum, every third year a more detailed inspection called a sanitary survey is conducted instead of an annual inspection. The goal of these inspections is to review the required documentation maintained at the Department and water system office, discuss system operation and maintenance policies, check chlorine residuals, pH, and iron content, and visually inspect the system facilities to confirm proper operation and maintenance. During inspections, Branch staff may discuss with water system personnel opportunities for optimizing their operations by participating in the Area Wide Optimization Program (AWOP). 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 may be performed to finalize construction projects, perform compliance sampling, or investigate complaints.

A total of 609 inspections, including 271 sanitary surveys and 299 annual inspections were conducted in FY2023. A complete list of inspection activities can be found in [Appendix A](#).

## SDWIS/State Activities

In FY2023, the Drinking Water Branch continued to use its database of record, SDWIS/STATE Web Release 3.5. CDS, the SDWIS/State compliance determination system, continued to be utilized for automated compliance determination and sample tracking. Representative from the Drinking Water Branch attended the 2023 ASDWA/EPA Data Management Users Conference in Alexandria, VA during September 2023 to receive continuing education regarding the SDWIS/STATE program and the in-development DW-SFTIES application, a planned replacement for SDWIS/State, which is slated for an initial release in early 2026. The Branch continued to make required quarterly reports to EPA using FedRep, which is part of the Modernized Data Flow System implemented by EPA.

The Information Systems Branch is continuing to maintain the electronic drinking water reporting system (EDWRS) for the Drinking Water Branch. The EDWRS application was successfully

migrated to ADEM's CROMERR-compliance Web Portal and new features were implemented. The EDWRS system's primary function is for the submission of analytical data by water systems and their authorized laboratories via XML or direct entry and required documents by water systems. Additional EDWRS features include the ability to view sample schedule reports, sample points, reference materials, report positive bacteriological events, and submit service line inventories. Analytical data submitted via EDWRS is migrated automatically into SDWIS/State for compliance use.

## Drinking Water Security Program

The Drinking Water Branch continues to review facility security during routine inspections and assist drinking water utilities with emergency response, as well as provide technical assistance and information to utilities, consultants, Department staff, and the general public. Additionally, the Branch has put forth effort to ensure water system are aware of resources available to them to address all security concerns, with an emphasis on the growing concern around cyber security.

The Branch finalized its Standard Operating Procedure (SOP) for Emergency Response procedures. In general, the Drinking Water Branch operates as a conduit for information during emergency response, gathering and consolidating information and distributing that information to other groups within the Department, other state agencies, technical assistance partners, and others to ensure available resources are deployed as necessary.

The Branch gathers emergency contact information through a portal called AWECS to ensure communications during emergency responses are effective and timely. The Branch is exploring new methods to effectively gather and share information during emergency situations.

## 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 while promoting long-term sustainability of existing 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. ADEM works closely with Alabama Rural Water Association (ARWA) and other technical assistance providers in implementing this plan.

In FY2023, ADEM worked with the ARWA for their assistance to water systems that were having difficulty in complying with regulations and needed improvement in their TMF capacity. ARWA assisted various water systems throughout the state with issues such as water loss, regulatory compliance, and system mapping along with other TMF issues.

In addition, ADEM made referrals to Communities Unlimited, Inc., the southern regional partner of the Rural Community Assistance Partnership, regarding evaluation of seventeen water systems' TMF capacity. This included updating ADEM required documentation for these systems such as sampling site plans for bacteriological and disinfection-byproduct monitoring, tank maintenance plans, emergency response plans, and risk and resilience assessments. Other assistance included

constructing emergency water conservation policies for systems to adapt, creation of asset management plans, providing operator certification training, and performing rate analysis to improve 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.

In FY2023, ADEM continued using its adopted asset management rules, to require the submittal of asset management plans from multiple systems to submit asset management plans, including the Prichard Water Works Board (AL0001015), Marion Water Department (AL0001097) and Macon County Water Authority.

The Department prepared the Triennial Capacity Development report, which was mailed to the governor and posted on the ADEM website on September 6, 2023. This report summarizes the Department's progress toward improving the capacity development capabilities of the State's public water systems.

The Department also prepared the Annual Capacity Development Implementation Report and submitted it to EPA on December 28, 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 2022 CCRs, which were due by July 1, 2023. Of the 535 water systems required to complete a CCR and Certification Form, all (100%) met the submittal deadlines.

### 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 semiannual 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 FY2023, there were 86 water systems utilizing 127 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. Most 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 four (4) SWAPs for new or expanded groundwater sources in FY2023. All four (4) of these reports were submitted from existing public water systems. SWAPs have been finalized for all four (4) of the SWAPs submitted in FY2023 and for two (2) of the new well sources that were submitted in FY2022.

There have been twenty-three (23) SWAP updates for existing wells submitted by the Alabama Rural Water Association (ARWA) for review to which 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 268 UST compliance inspections were completed within wellhead protection areas. During FY2023, approximately 179 corrective action sites were in designated wellhead protection areas or within one mile of public drinking water wells.

The 2023 Alabama UST Assessment and Remediation Conference was held on August 22, 2023, with over 180 attendees. The conference included presentations and updates on UST regulation information, the Alabama Tank Trust Fund, the AEPACs system, and cleanup technologies.

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 9 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). FY2023 marked the 26th 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 FY2023:

- District staff have made AWOP a priority for systems in their district and incorporate AWOP principles into their daily activities. This includes discussions with water systems about AWOP goals during inspections.
- ADEM staff attended one Region 4 AWOP planning meeting and workshop, hosted one Region 4 AWOP planning meeting and workshop at Muscle Shoals Utilities, 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 Q4 2023 data, 170 of 230 (76.2%) distribution systems on quarterly DBP monitoring met all the DBP goals.
- The Drinking Water Branch uses its annual Surface Water Meeting to recognize systems that are optimized by presenting awards based on consecutive years of optimization. At the 2023 Surface Water meeting 63 treatment plants were recognized as being optimized, with 5 of those reaching 20 consecutive years.

### Enforcement Activities

Drinking Water Branch enforcement activities are shown in Table 3. A total of 292 violation letters (e.g. – Maximum Contaminant Level (MCL) exceedances, Monitoring and Reporting violations, state (non-federal) violations, etc.) were mailed to water systems during FY2023.

Table 3 – Enforcement Actions

| <b>Enforcement Action</b> | <b>No.</b> |
|---------------------------|------------|
| Violation Letters         | <b>292</b> |
| Violation Follow-ups      | <b>0</b>   |
| Notices of Violation      | <b>8</b>   |
| Show Cause Hearings       | <b>0</b>   |
| Consent Orders            | <b>7</b>   |
| Unilateral Orders         | <b>1</b>   |
| Litigation Cases          | <b>0</b>   |

Eight Notice of Violations (NOVs) were issued for systems incurring multiple violations or having multiple deficiencies at one time. Two of the three consent orders issued included a civil penalty. The other order was issued for Disinfection Byproduct monitoring and public notification violations.

### 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 after 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 3 - RTCR Summary FY2023

|                                       | Number of Systems |                     |            |           | Assessments |
|---------------------------------------|-------------------|---------------------|------------|-----------|-------------|
|                                       | Violations        |                     |            |           |             |
|                                       | MCL               | Treatment Technique | Monitoring | Reporting |             |
| MCL Violations                        | 1                 |                     |            |           |             |
| Monitoring                            |                   |                     | 13         |           |             |
| Reporting                             |                   |                     |            | 14        |             |
| Failure to Conduct Assessment (L1/L2) |                   | 0                   |            |           |             |
| Level 1 Assessment                    |                   |                     |            |           | 22          |
| Level 2 Assessment                    |                   |                     |            |           | 3           |
| Subtotal                              | 1                 | 0                   | 13         | 14        | 25          |

Table 4 - Groundwater Rule Summary FY2023

|  | Number of Systems with Violations |
|--|-----------------------------------|
| Monitor GWR Triggered/Additional, Major (34) | 0                                 |
| Monitor GWR Triggered/Additional, Minor (34) | 1                                 |
| Subtotal                                     | 1                                 |

## Chemical Monitoring and Compliance

Chemical monitoring is scheduled based on the calendar year. Therefore, only a summary of the results for FY2023 will be included in this annual report. A complete report of chemical compliance data for calendar year 2023 will be included in the 2023 annual violations report, which will be produced by June 2024. The following is a summary for FY2023:

- 395 water systems monitored 930 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.
- 264 water systems monitored for volatile organic chemicals (VOCs). Of the 525 ground and surface sources analyzed during FY2023, 35 sources had detections for 11 different regulated VOCs. One system incurred an MCL violation for VOCs.
- 223 water systems monitored for synthetic organic chemicals (SOCs). Of the 495 ground and surface sources analyzed for SOCs, 44 sources had detections for 13 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. One system incurred a monitoring violation in FY2023.

## Lead and Copper Monitoring Program

The EPA Lead and Copper regulations were modified on December 16, 2021, with the release of the Lead and Copper Rule Revisions (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 into Division 7 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](https://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. Public Notification requirements will be increased to 24-hour notice for Action Level Exceedances with the LCRR compliance date of October 16, 2024.

In FY2023, 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 a instructions, a certification form, and a template for the development of initial service line inventories, which is a requirement under LCRR. Additionally, the Department has published a portal to submit these inventories within EDWRS.

A total of 262 water systems monitored for Lead and Copper in FY2023. One water system exceeded the Lead action level and two 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 2023 will be included in the 2023 annual violations report, which is expected to be available by June 2024.

## 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 system incurred a MCL violation for HAA5s and nine systems incurred MCL violations for TTHMs. Twenty-nine water systems incurred monitoring violations for disinfection byproducts during FY2023. The primary reason for the number of disinfection byproduct monitoring violations in FY2023 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, twenty-nine systems incurred violations during FY2023. 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 GWUDI 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 nine water systems incurred monitoring violations. Twenty-three water systems that feed chlorine dioxide are required to monitor for chlorites. Four water systems incurred a monitoring or maximum contaminant level violation for chlorites in FY2023.

## 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 FY2023, 37 bacteriological laboratories were certified during at least part of the year. One laboratory was decertified during FY2023. The certified bacteriological laboratories consisted of three State laboratories, eighteen water system laboratories and sixteen commercial laboratories. Also, 49 chemical and radiological laboratories (16 in-state and 33 out-of-state) were certified during FY2023.

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.

During FY2023, the EPA, Region 4, completed its on-site assessment and review of the annual proficiency testing of the ADEM Central Laboratory in Montgomery, AL and the ADPH, Bureau of Clinical Laboratories (BCL), Prattville Laboratory for EPA Drinking Water Certification. The ADPH, BCL, Prattville Laboratory continues to be *Certified* for the analysis of microbiological drinking water contaminants for SDWA compliance purposes. The ADEM Central Laboratory continues to be Certified of the analysis of chemical drinking water contaminants using the analyte/method combinations listed in the EPA certification for SDWA compliance purposes. The EPA determined that ADEM's Laboratory Certification Program is effective in ensuring that all laboratories submitting monitoring data for public water supplies meet the criteria established by the EPA in the Manual for the Certification of Laboratories Analyzing Drinking Water, 5<sup>th</sup> Edition.

## 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 FY2023 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 communicates with inter-departmental and outside agencies to share information before, during, and after emergency response situations. A list of emergency contacts is maintained in the AWECS system and is used to notify the regulated community of possible situations, gather information during and following any situations, and communicate that information to partner agencies who can deploy resources as well as agency and state leaders.

During FY2023, the Branch faced several such situations including a winter storm in December 2022, which left several water systems with limited or no capacity due to increased demand from dripping faucets and broken lines. A more isolated situation involved a private dam failure immediately upstream of a surface water intake, causing extremely high turbidities and resulting in an inability to operate a water treatment plant with impacts to customers. An additional situation involved well pumps being struck by lightning leading to water outages to customers in a wide area for several days.

In each of these situations, the Branch utilized the tools available to it to communicate, gather information, make recommendations to water systems, and coordinate resources to ensure water systems were returned to normal operations.



## Appendix A – FY2022 Site Visit Inventory

| PWSID     | System Name                              | Visit Date | Notification Date | Reason |
|-----------|--|------------|-------------------|--------|
| AL0000657 | ABBEVILLE WATER WORKS & SEWER BOARD      | 8/3/2023   | 9/6/2023          | SNSV   |
| AL0001402 | ADDISON WATER WORKS                      | 4/18/2023  | 5/9/2023          | SITE   |
| AL0001767 | AKRON WATER DEPARTMENT, TOWN OF          | 5/31/2023  | 6/8/2023          | SITE   |
| AL0001555 | ALA. WAREHOUSE/LOWER POOL #2             | 8/15/2023  | 9/5/2023          | SITE   |
| AL0000004 | ALABAMA DOT/I-10 AL/FL WELCOME CENTER    | 8/17/2023  | 9/6/2023          | SNSV   |
| AL0001148 | ALABASTER WATER BOARD                    | 7/6/2023   | 7/27/2023         | SNSV   |
| AL0000933 | ALBERTVILLE UTILITIES BOARD              | 1/11/2023  | 1/23/2023         | SITE   |
| AL0001265 | ALEXANDER CITY WATER DEPARTMENT          | 6/16/2023  | 6/29/2023         | SNSV   |
| AL0001102 | ALICEVILLE WATER & SEWER BOARD           | 8/18/2023  | 8/25/2023         | SITE   |
| AL0001628 | ALLEN AAF                                | 1/30/2023  | 4/11/2023         | SITE   |
| AL0000098 | ALLGOOD WATER WORKS (TOWN OF)            | 8/16/2023  | 9/22/2023         | SITE   |
| AL0000571 | ALTOONA WATER & SEWER BOARD              | 5/16/2023  | 6/6/2023          | SNSV   |
| AL0000356 | ANDALUSIA (UTILITIES BOARD OF)           | 3/31/2023  | 4/3/2023          | SITE   |
| AL0000133 | ANNISTON WATER WORKS & SEWER BOARD       | 7/19/2023  | 9/22/2023         | SNSV   |
| AL0000133 | ANNISTON WATER WORKS & SEWER BOARD       | 7/20/2023  | 9/22/2023         | SNSV   |
| AL0000934 | ARAB WATER WORKS BOARD                   | 6/22/2023  | 7/11/2023         | SITE   |
| AL0001420 | ARDMORE WATER SYSTEM                     | 4/17/2023  | 5/9/2023          | SITE   |
| AL0000416 | ARITON WATER WORKS                       | 6/7/2023   | 7/7/2023          | SNSV   |
| AL0001403 | ARLEY WATER WORKS                        | 5/11/2023  | 6/7/2023          | SNSV   |
| AL0000935 | ASBURY WATER SYSTEM                      | 3/14/2023  | 3/20/2023         | SNSV   |
| AL0000671 | ASHFORD WATER WORKS                      | 7/27/2023  | 9/1/2023          | SNSV   |
| AL0000264 | ASHLAND WATER & SEWER BOARD              | 4/20/2023  | 5/15/2023         | SITE   |
| AL0001176 | ASHVILLE WATER AND SEWER                 | 6/1/2023   | 9/28/2023         | SITE   |
| AL0000824 | ATHENS, THE WATERWORKS BD OF THE CITY OF | 7/24/2023  | 8/7/2023          | SITE   |
| AL0000572 | ATTALLA WATER WORKS BOARD                | 3/13/2023  | 4/10/2023         | SITE   |
| AL0000804 | AUBURN WATER WORKS                       | 3/30/2023  | 4/11/2023         | SNSV   |
| AL0000001 | AUTAUGA CO WATER AUTHORITY               | 8/18/2023  | 8/28/2023         | SNSV   |
| AL0000002 | AUTAUGAVILLE WATER WORKS                 | 8/17/2023  | 8/28/2023         | SNSV   |
| AL0001511 | AVON WATER SYSTEM                        | 5/24/2023  | 6/8/2023          | SITE   |
| AL0000079 | BAKERHILL WATER AUTHORITY                | 7/18/2023  | 8/30/2023         | SNSV   |
| AL0000022 | BALDWIN BAPTIST CAMP                     | 8/16/2023  | 9/6/2023          | SNSV   |
| AL0001108 | BANKS WATER SYSTEM                       | 9/21/2023  | 10/2/2023         | SITE   |
| AL0001365 | BASF CORPORATION                         | 9/20/2023  | 9/27/2023         | SITE   |
| AL0000957 | BAYOU LA BATRE UTILITIES                 | 4/27/2023  | 5/23/2023         | SITE   |
| AL0000920 | BEAR CREEK WATER WORKS                   | 11/9/2022  | 11/18/2022        | SITE   |
| AL0001044 | BEATRICE WATER SYSTEM                    | 9/14/2023  | 10/6/2023         | SITE   |
| AL0000805 | BEAUREGARD WATER AUTHORITY               | 10/19/2022 |                   | SMPL   |

|                  |  |            |            |      |
|------------------|--|------------|------------|------|
| <b>AL0000805</b> | BEAUREGARD WATER AUTHORITY             | 1/27/2023  | 2/16/2023  | SITE |
| <b>AL0000025</b> | BELFOREST WATER SYSTEM                 | 6/21/2023  |            | SMPL |
| <b>AL0000025</b> | BELFOREST WATER SYSTEM                 | 12/13/2022 |            | SMPL |
| <b>AL0000025</b> | BELFOREST WATER SYSTEM                 | 7/18/2023  |            | SMPL |
| <b>AL0000025</b> | BELFOREST WATER SYSTEM                 | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0000595</b> | BELK WATER SYSTEM                      | 1/26/2023  | 1/27/2023  | SITE |
| <b>AL0000596</b> | BERRY, TOWN OF                         | 8/17/2023  | 9/1/2023   | SNSV |
| <b>AL0000737</b> | BESSEMER WATER SERVICE                 | 7/20/2023  | 7/25/2023  | SNSV |
| <b>AL0001149</b> | BETHEL WATER SYSTEM                    | 2/2/2023   | 2/22/2023  | SNSV |
| <b>AL0000180</b> | BEULAH UTILITIES DISTRICT              | 4/6/2023   | 4/7/2023   | SITE |
| <b>AL0000203</b> | BIG OAK CAMPGROUND                     | 10/11/2022 | 10/24/2022 | SNSV |
| <b>AL0001505</b> | BIG WILLS WATER & FIRE PRO AUTHORITY   | 5/16/2023  | 6/6/2023   | SNSV |
| <b>AL0000003</b> | BILLINGSLEY WATER SYSTEM               | 8/17/2023  | 8/28/2023  | SNSV |
| <b>AL0001811</b> | BIRMINGHAM AL VA MEDICAL CENTER        | 9/1/2023   | 9/5/2023   | SNSV |
| <b>AL0000738</b> | BIRMINGHAM WATER WORKS BOARD           | 9/1/2023   | 9/29/2023  | SITE |
| <b>AL0000615</b> | BLACK WATER WORKS                      | 5/16/2023  | 6/1/2023   | SNSV |
| <b>AL0001783</b> | BLOUNT COUNTY WATER                    | 8/17/2023  | 9/22/2023  | SNSV |
| <b>AL0000100</b> | BLOUNTSVILLE, THE UB BD OF THE TOWN OF | 8/15/2023  | 9/22/2023  | SNSV |
| <b>AL0001769</b> | BLUE HOLE WATER COMPANY, INC., THE     | 2/21/2023  | 2/23/2023  | SNSV |
| <b>AL0000081</b> | BLUE SPRINGS WATER WORKS               | 6/7/2023   | 8/14/2023  | SNSV |
| <b>AL0000936</b> | BOAZ WATER & SEWER BOARD               | 3/15/2023  | 3/24/2023  | SNSV |
| <b>AL0001322</b> | BOLDO WATER & FIRE PROT. AUTHORITY     | 1/19/2023  | 1/20/2023  | SITE |
| <b>AL0000385</b> | BRANTLEY WATER WORKS                   | 9/11/2023  | 9/26/2023  | SITE |
| <b>AL0000091</b> | BRENT UTILITIES BOARD                  | 9/1/2023   | 9/11/2023  | SNSV |
| <b>AL0000555</b> | BREWTON WATER WORKS                    | 6/20/2023  | 7/24/2023  | SITE |
| <b>AL0000713</b> | BRIDGEPORT UTILITIES BOARD             | 5/17/2023  | 5/30/2023  | SITE |
| <b>AL0000921</b> | BRILLIANT WATER WORKS                  | 8/11/2023  | 8/28/2023  | SNSV |
| <b>AL0000741</b> | BROOKSIDE WATER WORKS                  | 5/16/2023  | 5/22/2023  | SNSV |
| <b>AL0001110</b> | BRUNDIDGE WATER DEPARTMENT             | 9/21/2023  | 10/2/2023  | SITE |
| <b>AL0001290</b> | BUHL, ELROD & HOLMAN WATER AUTHORITY   | 5/23/2023  | 7/12/2023  | SNSV |
| <b>AL0001507</b> | BUTLER COUNTY WATER AUTHORITY          | 8/23/2023  | 9/6/2023   | SITE |
| <b>AL0000232</b> | BUTLER WATER SYSTEM                    | 7/14/2023  | 8/4/2023   | SITE |
| <b>AL0000181</b> | CAA-CTC PLAINVIEW HEAD START PROGRAM   | 9/7/2023   | 9/26/2023  | SITE |
| <b>AL0001150</b> | CALERA WATER WORKS                     | 5/12/2023  | 6/2/2023   | SNSV |
| <b>AL0000131</b> | CALHOUN COUNTY WATER AUTHORITY         | 8/30/2023  | 9/22/2023  | SITE |
| <b>AL0001374</b> | CAMDEN WATER & SEWER DEPARTMENT        | 9/21/2023  | 10/6/2023  | SNSV |
| <b>AL0001267</b> | CAMP ALAMISCO                          | 5/17/2023  | 5/19/2023  | SITE |
| <b>AL0001268</b> | CAMP ASCCA                             | 5/17/2023  | 6/7/2023   | SITE |
| <b>AL0000139</b> | CAMP COTTAQUILLA GSA                   | 10/27/2022 | 11/14/2022 | SNSV |
| <b>AL0001270</b> | CAMP HILL UTILITIES BOARD              | 2/23/2023  | 3/15/2023  | SITE |
| <b>AL0000140</b> | CAMP LEE                               | 10/27/2022 | 11/14/2022 | SNSV |

|                  |  |            |            |      |
|------------------|--|------------|------------|------|
| <b>AL0001227</b> | CAMP MAC                                 | 10/12/2022 | 10/24/2022 | SNSV |
| <b>AL0001184</b> | CAMP SUMATANGA                           | 11/9/2022  | 11/29/2022 | SNSV |
| <b>AL0000617</b> | CAMP VICTORY                             | 4/18/2023  | 5/15/2023  | SITE |
| <b>AL0001324</b> | CARBON HILL UTILITIES BOARD              | 3/9/2023   | 3/28/2023  | SNSV |
| <b>AL0001540</b> | CARROLLS CREEK WATER AUTHORITY           | 12/8/2022  | 12/23/2022 | SITE |
| <b>AL0001103</b> | CARROLLTON WATER WORKS                   | 3/16/2023  | 3/28/2023  | SITE |
| <b>AL0000337</b> | CASTLEBERRY WATER SYSTEM                 | 1/23/2023  | 2/13/2023  | SNSV |
| <b>AL0000187</b> | CEDAR BLUFF UTILITIES BOARD              | 10/11/2022 | 10/24/2022 | SNSV |
| <b>AL0000547</b> | CENTRAL ELMORE WATER AUTHORITY           | 8/4/2023   | 8/21/2023  | SNSV |
| <b>AL0001739</b> | CENTRAL TALLADEGA COUNTY WATER AUTHORITY | 4/27/2023  | 5/16/2023  | SITE |
| <b>AL0000188</b> | CENTRE WATER & SEWER BOARD               | 8/28/2023  | 9/25/2023  | SNSV |
| <b>AL0000092</b> | CENTREVILLE WATER & SEWER                | 9/15/2023  | 9/22/2023  | SNSV |
| <b>AL0001775</b> | CHANDLER MTN/GREASY COVE WATER AUTHORITY | 11/18/2022 | 12/10/2022 | SNSV |
| <b>AL0001358</b> | CHATOM UTILITIES BOARD                   | 7/20/2023  | 8/25/2020  | SNSV |
| <b>AL0000184</b> | CHATTAHOOCHEE VALLEY WATER SUPPLY DIST   | 8/23/2023  | 9/22/2023  | SITE |
| <b>AL0000272</b> | CHEAHA STATE PARK                        | 10/21/2022 | 10/24/2022 | SNSV |
| <b>AL0000189</b> | CHEROKEE COUNTY WATER AUTHORITY          | 8/18/2023  | 9/22/2023  | SITE |
| <b>AL0000311</b> | CHEROKEE WATER & GAS DEPARTMENT          | 4/20/2023  | 4/26/2023  | SNSV |
| <b>AL0001228</b> | CHILDERSBURG WATER & SEWER BOARD         | 1/31/2023  | 2/16/2023  | SITE |
| <b>AL0000504</b> | CHILDREN'S BIBLE MINISTRIES OF NORTH AL  | 3/2/2023   | 3/22/2023  | SNSV |
| <b>AL0000234</b> | CHILTON WATER AUTHORITY                  | 8/24/2023  | 9/6/2023   | SITE |
| <b>AL0000777</b> | CHISHOLM HEIGHTS WATER & F P AUTHORITY   | 5/25/2023  | 6/9/2023   | SNSV |
| <b>AL0000233</b> | CHOCTAW-EDNA WATER AUTHORITY, INC.       | 6/1/2023   | 6/8/2023   | SITE |
| <b>AL0001293</b> | CITIZENS WATER SERVICE, INC.             | 8/16/2023  | 9/1/2023   | SNSV |
| <b>AL0000213</b> | CLANTON WATER DEPARTMENT                 | 9/14/2023  | 9/22/2023  | SNSV |
| <b>AL0000266</b> | CLAY COUNTY WATER AUTHORITY              | 7/25/2023  | 9/22/2023  | SITE |
| <b>AL0000082</b> | CLAYTON WATER WORKS & SEWER              | 7/18/2023  | 8/31/2023  | SNSV |
| <b>AL0001225</b> | CLEAR CREEK HARBOR, LLC                  | 10/13/2022 | 10/24/2022 | SNSV |
| <b>AL0001761</b> | CLEBURNE COUNTY WATER AUTHORITY          | 3/8/2023   | 3/20/2023  | SNSV |
| <b>AL0000101</b> | CLEVELAND WATER WORKS                    | 8/14/2023  | 9/22/2023  | SITE |
| <b>AL0000083</b> | CLIO WATER WORKS                         | 5/24/2023  | 7/7/2023   | SNSV |
| <b>AL0001298</b> | COALING WATER AUTHORITY                  | 12/29/2022 | 1/13/2023  | SNSV |
| <b>AL0000121</b> | COASTAL FOREST PRODUCTS, LLC             | 5/10/2023  | 5/19/2023  | SNSV |
| <b>AL0001789</b> | COFFEE COUNTY WATER AUTHORITY            | 10/7/2022  | 11/7/2022  | SITE |
| <b>AL0000252</b> | COFFEEVILLE WATER WORKS, TOWN OF         | 8/29/2023  | 9/18/2023  | SITE |
| <b>AL0001299</b> | COKER WATER AUTHORITY                    | 5/22/2023  | 7/12/2023  | SNSV |
| <b>AL0000314</b> | COLBERT COUNTY RURAL WATER SYSTEM        | 8/14/2023  | 8/30/2023  | SNSV |
| <b>AL0000275</b> | COLEMAN LAKE USFS REC AREA               | 10/28/2022 | 11/14/2022 | SNSV |
| <b>AL0000506</b> | COLLINSVILLE WATER WORKS                 | 3/2/2023   | 3/20/2023  | SNSV |
| <b>AL0000676</b> | COLUMBIA WATER WORKS                     | 7/11/2023  | 8/31/2023  | SNSV |
| <b>AL0001151</b> | COLUMBIANA, THE WW BOARD OF THE TOWN OF  | 1/30/2023  | 2/16/2023  | SNSV |

|                  |   |            |            |      |
|------------------|---|------------|------------|------|
| <b>AL0001434</b> | COOK SPRINGS WATER AUTHORITY            | 6/2/2023   | 9/22/2023  | SNSV |
| <b>AL0001248</b> | COOSA PINES RECREATION ASSOC., INC.     | 10/14/2022 | 10/24/2022 | SNSV |
| <b>AL0001805</b> | COOSA VALLEY WATER SUPPLY DISTRICT      | 6/6/2023   | 9/29/2023  | SITE |
| <b>AL0001327</b> | COPELAND FERRY/PUMPKIN CENTER WA        | 1/10/2023  | 1/13/2023  | SITE |
| <b>AL0001326</b> | CORDOVA WATER WORKS & GAS BOARD         | 2/2/2023   | 2/16/2023  | SITE |
| <b>AL0000677</b> | COTTONWOOD WATER WORKS                  | 6/28/2023  | 8/16/2023  | SNSV |
| <b>AL0000361</b> | COVINGTON COUNTY WATER AUTHORITY        | 6/30/2023  | 7/6/2023   | SITE |
| <b>AL0000678</b> | COWARTS WATER SYSTEM                    | 6/13/2023  | 8/15/2023  | SNSV |
| <b>AL0001460</b> | COWIKEE WATER AUTHORITY                 | 8/22/2023  | 9/18/2023  | SNSV |
| <b>AL0000508</b> | CROSSVILLE WATER BOARD                  | 12/2/2022  | 1/5/2023   | SNSV |
| <b>AL0001217</b> | CUBA WATER BOARD                        | 6/1/2023   | 6/8/2023   | SITE |
| <b>AL0000394</b> | CULLMAN COUNTY WATER DEPARTMENT         | 4/21/2023  | 5/11/2023  | SITE |
| <b>AL0000398</b> | CULLMAN UTILITIES BOARD                 | 1/12/2023  | 1/30/2023  | SITE |
| <b>AL0001786</b> | CULLMAN WATER WORKS, CITY OF            | 4/17/2023  | 5/4/2023   | SITE |
| <b>AL0000717</b> | CUMBERLAND MOUNTAIN WATER               | 3/28/2023  | 3/30/2023  | SNSV |
| <b>AL0001432</b> | CURRY WATER AUTHORITY                   | 5/11/2023  | 6/7/2023   | SNSV |
| <b>AL0001764</b> | CWM WATER AUTHORITY                     | 8/18/2023  | 9/6/2023   | SITE |
| <b>AL0001273</b> | DADEVILLE WATER WORKS & SEWAGE BOARD    | 2/15/2023  | 3/14/2023  | SITE |
| <b>AL0000415</b> | DALE COUNTY WATER AUTHORITY             | 7/12/2023  | 8/30/2023  | SNSV |
| <b>AL0000415</b> | DALE COUNTY WATER AUTHORITY             | 7/17/2023  |            | SMPL |
| <b>AL0000420</b> | DALEVILLE WATER & SEWER BOARD           | 5/25/2023  | 7/6/2023   | SNSV |
| <b>AL0000463</b> | DALLAS COUNTY WATER & SEWER AUTHORITY   | 9/20/2023  | 10/16/2023 | SNSV |
| <b>AL0000029</b> | DAPHNE (UTILITIES BOARD OF THE CITY OF) | 9/8/2023   | 10/13/2023 | SITE |
| <b>AL0000971</b> | DAUPHIN ISLAND WATER & SEWER            | 4/27/2023  | 5/23/2023  | SITE |
| <b>AL0001274</b> | DAVISTON WATER SYSTEM (TOWN OF)         | 4/4/2023   | 4/25/2023  | SNSV |
| <b>AL0001084</b> | DECATUR (MUNICIPAL UTILITIES BOARD OF)  | 4/20/2023  | 5/23/2023  | SNSV |
| <b>AL0001368</b> | DEER PARK-VINEGAR BEND WATER & FPA      | 8/31/2023  | 10/4/2023  | SNSV |
| <b>AL0001796</b> | DEKALB-JACKSON WATER SUPPLY DISTRICT    | 11/30/2022 | 1/5/2023   | SNSV |
| <b>AL0000908</b> | DEMOPOLIS WATER WORKS AND SEWER BOARD   | 5/25/2023  | 6/9/2023   | SITE |
| <b>AL0000767</b> | DETROIT WATER WORKS                     | 7/27/2023  | 8/10/2023  | SITE |
| <b>AL0001816</b> | DOLLAR GENERAL #19936 GORDON, AL        | 8/21/2023  | 9/5/2023   | SNSV |
| <b>AL0001818</b> | DOLLAR GENERAL #20059, AUBURN, AL       | 8/7/2023   | 9/5/2023   | SNSV |
| <b>AL0001817</b> | DOLLAR GENERAL-BROADWAY GROUP, LLC      | 8/7/2023   | 9/5/2023   | SNSV |
| <b>AL0001721</b> | DORA UTILITIES                          | 1/19/2023  | 1/20/2023  | SITE |
| <b>AL0000681</b> | DOTHAN UTILITIES (CITY OF)              | 9/7/2023   | 9/20/2023  | SITE |
| <b>AL0001410</b> | DOUBLE SPRINGS (TOWN OF) W&S BOARD      | 4/18/2023  | 5/9/2023   | SITE |
| <b>AL0000940</b> | DOUGLAS WATER AUTHORITY                 | 3/17/2023  | 4/10/2023  | SITE |
| <b>AL0000387</b> | DOZIER WATER WORKS                      | 9/11/2023  | 9/26/2023  | SITE |
| <b>AL0000174</b> | EAST ALABAMA WATER & FIRE PRO DISTRICT  | 6/28/2023  | 7/25/2023  | SNSV |
| <b>AL0000558</b> | EAST BREWTON WATER & SEWER BOARD        | 6/27/2023  | 7/25/2023  | SITE |
| <b>AL0001770</b> | EAST CENTRAL BALDWIN COUNTY WATER & FPA | 9/14/2023  | 10/19/2023 | SITE |

|                  |  |            |            |      |
|------------------|--|------------|------------|------|
| <b>AL0000402</b> | EAST CULLMAN WATER SYSTEM                | 7/13/2023  | 7/21/2023  | SNSV |
| <b>AL0001424</b> | EAST LAUDERDALE COUNTY WATER AUTHORITY   | 8/15/2023  | 9/1/2023   | SNSV |
| <b>AL0001809</b> | EAST LOWNDES WATER ASSOCIATION           | 3/16/2023  | 3/28/2023  | SNSV |
| <b>AL0001630</b> | ECH AAF                                  | 1/27/2023  | 4/11/2023  | SITE |
| <b>AL0000533</b> | ECLECTIC WATER WORKS & SEWER BOARD       | 3/24/2023  | 3/30/2023  | SITE |
| <b>AL0000277</b> | EDWARDSVILLE WATER & FIRE PRO AUTHORITY  | 3/9/2023   | 3/20/2023  | SNSV |
| <b>AL0000295</b> | ELBA WATER WORKS                         | 8/17/2023  | 9/14/2023  | SNSV |
| <b>AL0001380</b> | ELDRIDGE WATER SYSTEM                    | 5/12/2023  | 6/7/2023   | SNSV |
| <b>AL0000535</b> | ELMORE WATER & SEWER AUTHORITY           | 5/18/2023  | 6/1/2023   | SITE |
| <b>AL0001815</b> | ENERGY CENTER WATER SYSTEM               | 8/25/2023  | 8/29/2023  | SNSV |
| <b>AL0001301</b> | ENGLEWOOD-HULLS WATER SYSTEM, INC.       | 12/8/2022  | 12/23/2022 | SITE |
| <b>AL0000296</b> | ENTERPRISE WATER WORKS                   | 8/2/2023   | 9/5/2023   | SNSV |
| <b>AL0000563</b> | ESCAMBIA COMMUNITY UTILITIES LLC         | 6/29/2023  | 7/28/2023  | SITE |
| <b>AL0000085</b> | EUFAULA WATER WORKS                      | 8/22/2023  | 9/18/2023  | SNSV |
| <b>AL0001740</b> | EUREKA WATER SERVICE, INC.               | 8/3/2023   | 8/10/2023  | SNSV |
| <b>AL0000636</b> | EUTAW WATER DEPARTMENT                   | 7/26/2023  | 8/10/2023  | SITE |
| <b>AL0000338</b> | EVERGREEN WATER WORKS                    | 1/23/2023  | 1/30/2023  | SITE |
| <b>AL0001046</b> | EXCEL WATER SYSTEM                       | 6/29/2023  | 7/6/2023   | SITE |
| <b>AL0000035</b> | FAIRHOPE WATER SYSTEM (CITY OF)          | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0000339</b> | FAIRVIEW WATER SYSTEM (CONECUH)          | 11/18/2022 | 12/2/2022  | SITE |
| <b>AL0001085</b> | FALKVILLE WATER WORKS                    | 4/18/2023  | 5/9/2023   | SNSV |
| <b>AL0001491</b> | FARLEY NUCLEAR PLANT                     | 8/21/2023  | 9/5/2023   | SITE |
| <b>AL0000909</b> | FAUNSDALE WATER WORKS                    | 6/1/2023   | 6/9/2023   | SITE |
| <b>AL0000594</b> | FAYETTE CO. WATER COORD. & F. P. A.      | 1/26/2023  | 1/27/2023  | SITE |
| <b>AL0000597</b> | FAYETTE WATER WORKS BOARD                | 8/17/2023  | 9/1/2023   | SNSV |
| <b>AL0001236</b> | FAYETTEVILLE WATER AUTHORITY             | 4/27/2023  | 5/16/2023  | SNSV |
| <b>AL0001780</b> | FIVE STAR WATER SUPPLY DISTRICT          | 4/28/2023  | 5/16/2023  | SITE |
| <b>AL0000559</b> | FLOMATON WATER WORKS                     | 6/29/2023  | 8/7/2023   | SNSV |
| <b>AL0000363</b> | FLORALA WATER WORKS & SEWER BOARD        | 2/27/2023  | 3/3/2023   | SITE |
| <b>AL0000783</b> | FLORENCE (WATER DEPARTMENT), CITY OF     | 5/25/2023  | 7/12/2023  | SNSV |
| <b>AL0000036</b> | FOLEY, UTILITIES BOARD OF THE CITY OF    | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0000575</b> | FORDS VALLEY & HWY 278 WATER             | 11/3/2022  | 11/14/2022 | SNSV |
| <b>AL0001428</b> | FORKLAND WATER SYSTEM                    | 7/26/2023  | 8/21/2023  | SITE |
| <b>AL0000846</b> | FORT DEPOSIT WATER & SEWER BOARD         | 9/20/2023  | 9/29/2023  | SITE |
| <b>AL0000509</b> | FORT PAYNE WATER WORKS BOARD             | 6/20/2023  | 7/11/2023  | SITE |
| <b>AL0001489</b> | FORT RUCKER -AMERICAN WATER ENTERPRISES  | 8/9/2023   | 9/6/2023   | SNSV |
| <b>AL0001802</b> | FORWARD OPERATING BASE                   | 1/30/2023  | 4/11/2023  | SITE |
| <b>AL0001302</b> | FOSTERS-RALPH WATER AUTHORITY            | 5/23/2023  | 7/12/2023  | SNSV |
| <b>AL0001500</b> | FRANKLIN COUNTY WATER SERVICES AUTHORITY | 5/9/2023   | 5/17/2023  | SNSV |
| <b>AL0000860</b> | FRANKLIN, TOWN OF                        | 2/16/2023  | 3/22/2023  | SNSV |
| <b>AL0000561</b> | FREEMANVILLE WATER SYSTEM                | 3/31/2023  | 4/28/2023  | SNSV |

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| <b>AL0000537</b> | FRIENDSHIP WATER WORKS                   | 3/24/2023  | 4/14/2023  | SITE |
| <b>AL0001047</b> | FRISCO CITY WATER SYSTEM                 | 3/9/2023   | 4/3/2023   | SITE |
| <b>AL0001360</b> | FRUITDALE WATER SYSTEM                   | 4/13/2023  | 4/20/2023  | SITE |
| <b>AL0001791</b> | FSI EVERGREEN ESTATES PROPERTY, LLC      | 7/19/2023  | 7/25/2023  | SITE |
| <b>AL0001798</b> | FSI GREEN PARK SOUTH PROPERTY LLC        | 11/15/2022 | 12/10/2022 | SNSV |
| <b>AL0001137</b> | FT MITCHELL WATER SYSTEM                 | 5/17/2023  | 6/2/2023   | SNSV |
| <b>AL0000254</b> | FULTON (UTILITIES BOARD OF THE TOWN OF)  | 8/24/2023  | 9/18/2023  | SITE |
| <b>AL0000577</b> | GADSDEN WATER WORKS AND SEWER BOARD      | 3/16/2023  | 4/10/2023  | SITE |
| <b>AL0000364</b> | GANTT WATER SYSTEM                       | 4/6/2023   | 4/14/2023  | SNSV |
| <b>AL0000404</b> | GARDEN CITY WATER DEPARTMENT             | 4/17/2023  | 5/4/2023   | SITE |
| <b>AL0000622</b> | GENEVA WATER WORKS                       | 8/23/2023  | 9/18/2023  | SNSV |
| <b>AL0000123</b> | GEORGIANA, THE WW BOAD OF THE TOWN OF    | 8/22/2023  | 9/6/2023   | SITE |
| <b>AL0000237</b> | GILBERTOWN (UTILITIES BOARD OF TOWN OF)  | 7/13/2023  | 8/15/2023  | SNSV |
| <b>AL0000598</b> | GLEN ALLEN WATER SYSTEM                  | 8/18/2023  | 9/1/2023   | SNSV |
| <b>AL0000578</b> | GLENCOE WATER WORKS BOARD                | 5/15/2023  | 5/30/2023  | SITE |
| <b>AL0000388</b> | GLENWOOD WATER WORKS                     | 3/31/2023  | 4/14/2023  | SNSV |
| <b>AL0001433</b> | GOLDEN ROD BROILERS                      | 8/14/2023  | 9/29/2023  | SITE |
| <b>AL0000351</b> | GOODWATER WTR WORKS & SEWER BD (CITY OF) | 3/22/2023  | 4/14/2023  | SITE |
| <b>AL0001105</b> | GORDO WTR GAS & SEWER BOARD              | 8/17/2023  | 8/25/2023  | SITE |
| <b>AL0000685</b> | GORDON TOWN OF                           | 6/13/2023  | 8/21/2023  | SNSV |
| <b>AL0001114</b> | GOSHEN WATER WORKS DIST SYSTEM           | 9/21/2023  | 10/2/2023  | SITE |
| <b>AL0001782</b> | GOVERNMENTAL UTILITY SERVICE CORPORATION | 7/12/2023  | 9/20/2023  | SNSV |
| <b>AL0000983</b> | GRAND BAY WATER WORKS BOARD              | 9/7/2023   | 10/11/2023 | SNSV |
| <b>AL0000748</b> | GRAYSVILLE WATER & SEWER BOARD           | 5/15/2023  | 5/22/2023  | SNSV |
| <b>AL0000093</b> | GREEN POND WATER SYSTEM                  | 8/31/2023  | 9/11/2023  | SNSV |
| <b>AL0000642</b> | GREENE COUNTY STEAM PLANT                | 6/2/2023   | 6/8/2023   | SITE |
| <b>AL0000643</b> | GREENE COUNTY WATER AUTHORITY            | 7/26/2023  | 8/21/2023  | SITE |
| <b>AL0001423</b> | GREENHILL WATER & FIRE PRO AUTHORITY     | 8/15/2023  | 9/1/2023   | SNSV |
| <b>AL0001423</b> | GREENHILL WATER & FIRE PRO AUTHORITY     | 12/6/2022  |            | SMPL |
| <b>AL0001423</b> | GREENHILL WATER & FIRE PRO AUTHORITY     | 6/8/2023   |            | SMPL |
| <b>AL0000645</b> | GREENSBORO (UTILITIES BD OF THE CITY OF) | 7/28/2023  | 8/10/2023  | SITE |
| <b>AL0000125</b> | GREENVILLE WATER WORKS                   | 8/23/2023  | 9/6/2023   | SITE |
| <b>AL0000255</b> | GROVE HILL WATER WORKS                   | 8/28/2023  | 9/18/2023  | SITE |
| <b>AL0000924</b> | GUIN WATER & SEWER BOARD                 | 8/9/2023   | 8/28/2023  | SNSV |
| <b>AL0000038</b> | GULF SHORES (UTILITIES BOARD CITY OF)    | 12/9/2022  | 1/3/2023   | SITE |
| <b>AL0001814</b> | GULF STATE PARK INTERPRETIVE CENTER WTS  | 9/15/2023  | 10/19/2023 | SITE |
| <b>AL0000943</b> | GUNTERSVILLE WATER WORKS & SEWER BOARD   | 1/12/2023  | 1/23/2023  | SITE |
| <b>AL0000904</b> | GURLEY WATER SYSTEM                      | 4/19/2023  | 5/11/2023  | SITE |
| <b>AL0000925</b> | HACKLEBURG WATER & SEWER BOARD           | 11/8/2022  | 11/18/2022 | SITE |
| <b>AL0001541</b> | HACKNEYVILLE WATER & FIRE PRO AUTHORITY  | 3/29/2023  | 4/26/2023  | SITE |
| <b>AL0001509</b> | HALE COUNTY WATER AUTHORITY              | 7/28/2023  | 8/10/2023  | SITE |

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| <b>AL0001411</b> | HALEYVILLE WATER WORKS & SEWER BOARD     | 11/9/2022  | 11/18/2022 | SITE |
| <b>AL0001516</b> | HAMDEN RIDGE WATER AUTHORITY             | 7/13/2023  | 7/20/2023  | SITE |
| <b>AL0000926</b> | HAMILTON WATER AND WASTEWATER DEPARTMENT | 8/10/2023  | 8/28/2023  | SNSV |
| <b>AL0000406</b> | HANCEVILLE (THE WWSB OF THE CITY OF)     | 1/11/2023  | 1/20/2023  | SITE |
| <b>AL0001156</b> | HARPERSVILLE WATER BOARD                 | 5/19/2023  | 5/30/2023  | SNSV |
| <b>AL0000624</b> | HARTFORD WATER WORKS                     | 8/23/2023  | 9/18/2023  | SNSV |
| <b>AL0001086</b> | HARTSELLE UTILITY BOARD                  | 4/20/2023  | 5/11/2023  | SNSV |
| <b>AL0000878</b> | HARVEST-MONROVIA WATER SYSTEM            | 2/16/2023  | 3/10/2023  | SNSV |
| <b>AL0000878</b> | HARVEST-MONROVIA WATER SYSTEM            | 9/6/2023   |            | SMPL |
| <b>AL0000878</b> | HARVEST-MONROVIA WATER SYSTEM            | 12/5/2022  |            | SMPL |
| <b>AL0000878</b> | HARVEST-MONROVIA WATER SYSTEM            | 6/7/2023   |            | SMPL |
| <b>AL0000316</b> | HAWK PRIDE MT WATER SYSTEM               | 2/13/2023  | 2/22/2023  | SNSV |
| <b>AL0000102</b> | HAYDEN WATER WORKS                       | 2/21/2023  | 3/14/2023  | SNSV |
| <b>AL0000847</b> | HAYNEVILLE WATER DEPARTMENT              | 9/21/2023  | 9/29/2023  | SITE |
| <b>AL0000664</b> | HEADLAND WATER WORKS                     | 6/27/2023  | 8/16/2023  | SNSV |
| <b>AL0000368</b> | HEATH WATER SYSTEM                       | 4/6/2023   | 4/14/2023  | SNSV |
| <b>AL0000279</b> | HEFLIN WATER WORKS                       | 8/11/2023  | 9/25/2023  | SITE |
| <b>AL0001157</b> | HELENA UTILITY BOARD                     | 5/4/2023   | 5/16/2023  | SNSV |
| <b>AL0000663</b> | HENRY COUNTY WATER AUTHORITY             | 7/26/2023  | 8/31/2023  | SNSV |
| <b>AL0001819</b> | HH HEALTH SYSTEMS LLC-SHOALS             | 5/24/2023  | 6/9/2023   | SITE |
| <b>AL0001633</b> | HIGH BLUFF AAF                           | 1/30/2023  | 4/11/2023  | SITE |
| <b>AL0000580</b> | HIGHLAND WATER AUTHORITY                 | 11/7/2022  | 11/29/2022 | SNSV |
| <b>AL0001702</b> | HILLTOP RV PARK                          | 8/16/2023  | 8/24/2023  | SNSV |
| <b>AL0000149</b> | HOBSON CITY WATER SYSTEM                 | 11/17/2022 | 12/10/2022 | SNSV |
| <b>AL0001361</b> | HOBSON WATER SYSTEM                      | 9/19/2023  | 9/27/2023  | SITE |
| <b>AL0000604</b> | HODGES WATER SYSTEM                      | 5/9/2023   | 5/18/2023  | SNSV |
| <b>AL0000581</b> | HOKES BLUFF WATER BOARD                  | 1/9/2023   | 1/23/2023  | SITE |
| <b>AL0000245</b> | HOLLINS WATER AUTHORITY                  | 5/3/2023   | 5/22/2023  | SITE |
| <b>AL0000540</b> | HOLTVILLE WATER SYSTEM                   | 3/21/2023  | 4/14/2023  | SITE |
| <b>AL0001755</b> | HOUSTON COUNTY WATER AUTHORITY           | 6/13/2023  | 8/15/2023  | SNSV |
| <b>AL0000040</b> | HUBBARD LANDING, INC                     | 8/16/2023  | 8/24/2023  | SNSV |
| <b>AL0000177</b> | HUGULEY WATER AUTHORITY                  | 6/29/2023  | 7/25/2023  | SNSV |
| <b>AL0000882</b> | HUNTSVILLE UTILITIES                     | 8/31/2023  | 9/26/2023  | SNSV |
| <b>AL0001139</b> | HURTSBORO WATER & SEWER BOARD            | 11/18/2022 | 12/12/2022 | SNSV |
| <b>AL0000456</b> | INTERNATIONAL PAPER COMPANY (SELMA)      | 5/19/2023  | 6/7/2023   | SITE |
| <b>AL0000021</b> | INTERNATIONAL PAPER, PRATTVILLE MILL     | 5/10/2023  | 5/15/2023  | SITE |
| <b>AL0000751</b> | IRONDALE WATER SYSTEM                    | 7/18/2023  | 9/22/2023  | SITE |
| <b>AL0000298</b> | JACK WATER SYSTEM, INC                   | 5/2/2023   | 5/10/2023  | SNSV |
| <b>AL0001748</b> | JACKSON COUNTY WATER AUTHORITY           | 3/29/2023  | 3/29/2023  | SNSV |
| <b>AL0000256</b> | JACKSON WATER WORKS & SEWER BOARD        | 8/23/2023  | 9/18/2023  | SITE |
| <b>AL0001279</b> | JACKSONS GAP WATER AUTHORITY             | 2/23/2023  | 3/22/2023  | SITE |

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| <b>AL0000154</b> | JACKSONVILLE WATER WORKS, GAS AND SEWER  | 6/14/2023  | 9/29/2023  | SITE |
| <b>AL0001336</b> | JASPER WATER WORKS AND SEWER BOARD       | 4/21/2023  | 4/27/2023  | SNSV |
| <b>AL0000502</b> | JCG FOODS OF ALABAMA LLC                 | 3/3/2023   | 3/20/2023  | SNSV |
| <b>AL0000219</b> | JEMISON WATER WORKS                      | 5/1/2023   | 5/10/2023  | SNSV |
| <b>AL0000408</b> | JOHNSONS CROSSING WATER SYSTEM           | 4/17/2023  | 5/4/2023   | SITE |
| <b>AL0000409</b> | JOPPA, HULACO & RYAN WATER AUTHORITY     | 4/19/2023  | 5/9/2023   | SITE |
| <b>AL0001337</b> | KANSAS WATER SYSTEM                      | 3/9/2023   | 3/28/2023  | SITE |
| <b>AL0000352</b> | KELLYTON WATER SYSTEM                    | 3/22/2023  | 4/14/2023  | SITE |
| <b>AL0000769</b> | KENNEDY WATER WORKS BOARD                | 8/17/2023  | 8/25/2023  | SITE |
| <b>AL0001794</b> | KEYSTONE FOODS LLC - EUFAULA PROCESSING  | 8/9/2023   |            | SMPL |
| <b>AL0001794</b> | KEYSTONE FOODS LLC - EUFAULA PROCESSING  | 7/19/2023  | 7/21/2023  | SITE |
| <b>AL0000689</b> | KINSEY WATER SYSTEM                      | 8/3/2023   | 9/5/2023   | SNSV |
| <b>AL0000299</b> | KINSTON WATER WORKS                      | 5/2/2023   | 5/4/2023   | SNSV |
| <b>AL0000993</b> | KUSHLA WATER DISTRICT                    | 12/27/2022 | 1/19/2022  | SITE |
| <b>AL0000178</b> | LAFAYETTE WATER WORKS                    | 8/24/2023  | 9/28/2023  | SITE |
| <b>AL0000318</b> | LAGRANGE MOUNTAIN WATER AUTHORITY        | 7/18/2023  | 7/27/2023  | SITE |
| <b>AL0001799</b> | LAKE MITCHELL WATER, INCORPORATED        | 3/23/2023  | 3/30/2023  | SITE |
| <b>AL0001800</b> | LAKE THOLOCCO RECREATION AREA - AMERICAN | 1/27/2023  | 4/11/2023  | SITE |
| <b>AL0000179</b> | LANETT WATER WORKS                       | 5/4/2023   | 5/22/2023  | SNSV |
| <b>AL0000753</b> | LEEDS WATER WORKS BOARD                  | 6/28/2023  | 9/25/2023  | SITE |
| <b>AL0000319</b> | LEIGHTON (WSB OF THE TOWN OF)            | 8/16/2023  | 9/1/2023   | SNSV |
| <b>AL0000994</b> | LEMOYNE WATER SYSTEM, INC.               | 9/6/2023   | 10/13/2023 | SITE |
| <b>AL0001362</b> | LEROY WATER AUTHORITY                    | 7/21/2023  | 8/25/2023  | SNSV |
| <b>AL0000436</b> | LEVEL PLAINS WATER SYSTEM                | 6/29/2023  | 8/17/2023  | SNSV |
| <b>AL0000788</b> | LEXINGTON WATER WORKS AND SEWER          | 5/25/2023  | 6/9/2023   | SNSV |
| <b>AL0000833</b> | LIMESTONE COUNTY WATER SYSTEM            | 2/15/2023  | 3/6/2023   | SITE |
| <b>AL0001245</b> | LINCOLN (CITY OF)                        | 2/28/2023  | 3/13/2023  | SNSV |
| <b>AL0000914</b> | LINDEN UTILITIES BOARD                   | 6/15/2023  | 6/26/2023  | SITE |
| <b>AL0000268</b> | LINEVILLE WATER WORKS BOARD              | 4/20/2023  | 5/15/2023  | SITE |
| <b>AL0001159</b> | LITTLE WAXIE WATER AUTHORITY             | 2/2/2023   | 2/22/2023  | SNSV |
| <b>AL0000320</b> | LITTLEVILLE WATERWORKS                   | 11/7/2022  | 11/18/2022 | SITE |
| <b>AL0001220</b> | LIVINGSTON WATER WORKS                   | 8/16/2023  | 8/25/2023  | SITE |
| <b>AL0000814</b> | LOACHAPOKA WATER AUTHORITY               | 1/27/2023  | 2/16/2023  | SITE |
| <b>AL0000372</b> | LOCKHART WATER WORKS                     | 2/27/2023  | 3/3/2023   | SITE |
| <b>AL0001244</b> | LOGAN LANDING RV RESORT & CAMPGROUND     | 10/14/2022 | 10/24/2022 | SNSV |
| <b>AL0000088</b> | LOUISVILLE WATER WORKS                   | 5/24/2023  | 7/7/2023   | SNSV |
| <b>AL0001512</b> | LOWNDES COUNTY WATER SYSTEM              | 9/21/2023  | 9/29/2023  | SITE |
| <b>AL0000852</b> | LOWNDESBORO WATER SYSTEM                 | 4/3/2023   | 5/3/2023   | SNSV |
| <b>AL0000048</b> | LOXLEY (TOWN OF)                         | 9/13/2023  | 10/19/2023 | SITE |
| <b>AL0000390</b> | LUVERNE WATER & SEWER DEPARTMENT         | 9/5/2023   | 9/19/2023  | SITE |
| <b>AL0000341</b> | LYEFFION WATER AND FIRE PRO AUTHORITY    | 8/4/2023   | 8/10/2023  | SITE |



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| <b>AL0001412</b> | LYNN WATER WORKS                         | 2/23/2023  | 3/14/2023  | SNSV |
| <b>AL0000867</b> | MACON COUNTY WATER AUTHORITY             | 9/26/2023  | 9/29/2023  | SNSV |
| <b>AL0000867</b> | MACON COUNTY WATER AUTHORITY             | 8/8/2023   |            | SMPL |
| <b>AL0000888</b> | MADISON COUNTY WATER DEPARTMENT          | 7/25/2023  | 8/7/2023   | SITE |
| <b>AL0000885</b> | MADISON, WATER & WW BOARD OF THE CITY OF | 7/27/2023  | 8/10/2023  | SNSV |
| <b>AL0000626</b> | MALVERN WATER DEPARTMENT                 | 6/15/2023  | 8/15/2023  | SNSV |
| <b>AL0000221</b> | MAPLESVILLE WATER WORKS                  | 5/2/2023   | 5/10/2023  | SNSV |
| <b>AL0000013</b> | MARBURY WATER SYSTEM, INC.               | 8/18/2023  | 8/28/2023  | SNSV |
| <b>AL0001199</b> | MARGARET WATER WORKS                     | 4/14/2023  | 4/19/2023  | SNSV |
| <b>AL0001716</b> | MARION COUNTY PUBLIC WATER AUTHORITY     | 11/8/2022  | 11/18/2022 | SITE |
| <b>AL0001097</b> | MARION WATER DEPARTMENT                  | 9/13/2023  | 11/1/2023  | SITE |
| <b>AL0000566</b> | MCCALL WATER SYSTEM INC                  | 6/8/2023   | 7/14/2023  | SITE |
| <b>AL0001363</b> | MCINTOSH WATER & FIRE PRO AUTHORITY      | 8/31/2023  | 10/6/2023  | SITE |
| <b>AL0000128</b> | MCKENZIE WATER BOARD                     | 8/7/2023   |            | SMPL |
| <b>AL0000128</b> | MCKENZIE WATER BOARD                     | 8/22/2023  | 9/6/2023   | SITE |
| <b>AL0001050</b> | MEXIA WATER SYSTEM, INC.                 | 3/9/2023   | 4/3/2023   | SITE |
| <b>AL0001513</b> | MID-CENTRAL WATER AUTHORITY              | 4/12/2023  | 4/20/2023  | SITE |
| <b>AL0000438</b> | MIDLAND CITY WATER DEPARTMENT            | 7/19/2023  | 8/31/2023  | SNSV |
| <b>AL0000116</b> | MIDWAY WATER WORKS                       | 9/15/2023  | 9/22/2023  | SNSV |
| <b>AL0000539</b> | MILLBROOK UTILITIES                      | 10/31/2022 | 11/3/2022  | SNSV |
| <b>AL0001760</b> | MILLERS FERRY WATER AUTHORITY, INC.      | 9/27/2023  | 10/20/2023 | SNSV |
| <b>AL0000270</b> | MILLERVILLE WATER & FIRE PRO AUTHORITY   | 4/20/2023  | 5/15/2023  | SITE |
| <b>AL0000770</b> | MILLPORT WATER WORKS                     | 7/27/2023  | 8/10/2023  | SITE |
| <b>AL0001364</b> | MILLRY WATER WORKS                       | 7/21/2023  | 8/25/2023  | SNSV |
| <b>AL0001306</b> | MITCHELL WATER SYSTEM INC                | 11/22/2022 | 11/29/2022 | SITE |
| <b>AL0001002</b> | MOBILE COUNTY WATER & FIRE PRO AUTHORITY | 9/6/2023   | 10/13/2023 | SITE |
| <b>AL0001005</b> | MOBILE, BD. OF W&S COMM. OF THE CITY OF  | 9/21/2023  | 10/20/2023 | SNSV |
| <b>AL0001052</b> | MONROEVILLE (WATER WORKS BD. OF CITY OF) | 7/13/2023  | 7/20/2023  | SITE |
| <b>AL0001160</b> | MONTEVALLO WATER WORKS & SEWER           | 12/9/2022  | 12/15/2022 | SNSV |
| <b>AL0001070</b> | MONTGOMERY WATER WORKS                   | 7/28/2023  | 8/21/2023  | SITE |
| <b>AL0000853</b> | MOSES WATER & FIRE PRO AUTHORITY         | 9/21/2023  | 9/29/2023  | SITE |
| <b>AL0000798</b> | MOULTON WATER WORKS BOARD                | 11/16/2022 | 11/28/2022 | SITE |
| <b>AL0000651</b> | MOUNDVILLE WATER WORKS                   | 7/28/2023  | 8/10/2023  | SITE |
| <b>AL0000089</b> | MT ANDREW WATER AUTHORITY                | 5/2/2023   | 6/7/2023   | SNSV |
| <b>AL0001006</b> | MT. VERNON (TOWN OF)                     | 9/5/2023   | 10/13/2023 | SITE |
| <b>AL0000755</b> | MULGA WATER WORKS AND GAS DEPARTMENT     | 5/17/2023  | 5/22/2023  | SNSV |
| <b>AL0001247</b> | MUNFORD WATER AUTHORITY, INC.            | 3/6/2023   | 3/17/2023  | SITE |
| <b>AL0000321</b> | MUSCLE SHOALS UTILITY BOARD              | 2/14/2023  | 2/22/2023  | SNSV |
| <b>AL0001506</b> | MYRTLEWOOD WATER SYSTEM                  | 5/4/2023   | 5/15/2023  | SITE |
| <b>AL0000693</b> | NAPIER FIELD WATER SYSTEM                | 5/18/2023  | 5/31/2023  | SITE |
| <b>AL0000322</b> | NATCHEZ TRACE PARKWAY                    | 5/24/2023  | 6/9/2023   | SITE |

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| <b>AL0001342</b> | NAUVOO WATER WORKS                     | 2/23/2023  | 3/14/2023  | SNSV |
| <b>AL0001088</b> | NE MORGAN CO WATER AND SEWER AUTHORITY | 7/19/2023  | 7/27/2023  | SNSV |
| <b>AL0000122</b> | NECTAR WATER DEPARTMENT (TOWN OF)      | 8/14/2023  | 9/25/2023  | SNSV |
| <b>AL0000302</b> | NEW BROCKTON WATER DEPARTMENT          | 8/17/2023  | 9/13/2023  | SNSV |
| <b>AL0000893</b> | NEW HOPE WATER SYSTEM                  | 4/19/2023  | 5/9/2023   | SITE |
| <b>AL0001437</b> | NEW LONDON WATER & FIRE PRO AUTHORITY  | 6/21/2023  |            | SMPL |
| <b>AL0001437</b> | NEW LONDON WATER & FIRE PRO AUTHORITY  | 6/23/2023  | 9/29/2023  | SITE |
| <b>AL0001437</b> | NEW LONDON WATER & FIRE PRO AUTHORITY  | 7/19/2023  |            | SMPL |
| <b>AL0001283</b> | NEW SITE WATER SYSTEM                  | 4/4/2023   | 4/25/2023  | SNSV |
| <b>AL0000439</b> | NEWTON WATER WORKS BOARD               | 6/27/2023  | 8/21/2023  | SNSV |
| <b>AL0000666</b> | NEWVILLE WATER SYSTEM                  | 7/19/2023  | 9/1/2023   | SNSV |
| <b>AL0000023</b> | NORTH BALDWIN UTILITIES                | 9/13/2023  | 10/19/2023 | SITE |
| <b>AL0000243</b> | NORTH CHOCTAW WATER & SEWER AUTHORITY  | 7/20/2023  | 8/25/2023  | SNSV |
| <b>AL0001771</b> | NORTH CLARKE WATER AUTHORITY           | 5/17/2023  | 5/18/2023  | SITE |
| <b>AL0000482</b> | NORTH DALLAS WATER AUTHORITY           | 9/21/2023  |            | SNSV |
| <b>AL0000482</b> | NORTH DALLAS WATER AUTHORITY           | 9/22/2023  | 10/6/2023  | SNSV |
| <b>AL0000945</b> | NORTH MARSHALL UTILITIES               | 12/1/2022  | 1/5/2023   | SITE |
| <b>AL0001422</b> | NORTHEAST ALABAMA WATER SYSTEM         | 3/15/2023  | 4/11/2023  | SNSV |
| <b>AL0000587</b> | NORTHEAST ETOWAH COUNTY WATER CO-OP    | 11/1/2022  | 11/14/2022 | SNSV |
| <b>AL0001307</b> | NORTHPORT WATER WORKS                  | 11/10/2022 | 11/21/2022 | SNSV |
| <b>AL0001202</b> | NORTHWEST ST CLAIR WATER SYSTEM        | 11/18/2022 | 12/10/2022 | SNSV |
| <b>AL0000862</b> | NOTASULGA WATER SYSTEM                 | 2/22/2023  | 3/15/2023  | SNSV |
| <b>AL0001343</b> | OAKMAN WATER WORKS                     | 4/13/2023  | 5/4/2023   | SNSV |
| <b>AL0001673</b> | OASIS TRAVEL CENTER                    | 9/21/2023  | 9/27/2023  | SNSV |
| <b>AL0001203</b> | ODENVILLE (UTIL BOARD OF THE TOWN OF)  | 6/8/2023   | 9/28/2023  | SNSV |
| <b>AL0000161</b> | OHATCHEE WATER SYSTEM                  | 11/17/2022 | 12/10/2022 | SNSV |
| <b>AL0001674</b> | OLD CAHAWBA ARCHAEOLOGICAL PARK        | 5/19/2023  | 6/8/2023   | SNSV |
| <b>AL0000257</b> | OLD LINE WATER SYSTEM                  | 8/31/2023  | 9/18/2023  | SITE |
| <b>AL0000103</b> | ONEONTA UTILITIES BOARD                | 8/16/2023  | 9/28/2023  | SNSV |
| <b>AL0000375</b> | OPP UTILITIES BOARD                    | 3/30/2023  | 4/3/2023   | SITE |
| <b>AL0000053</b> | ORANGE BEACH WATER, SEWER AND F.P.A.   | 9/15/2023  | 10/19/2023 | SITE |
| <b>AL0000484</b> | ORRVILLE WATER DEPARTMENT (TOWN OF)    | 9/28/2023  | 10/19/2023 | SITE |
| <b>AL0000393</b> | OWASSA-BROWNSVILLE WATER AUTHORITY     | 11/18/2022 | 12/2/2022  | SITE |
| <b>AL0000393</b> | OWASSA-BROWNSVILLE WATER AUTHORITY     | 8/7/2023   |            | SMPL |
| <b>AL0000897</b> | OWENS CROSSROADS WATER AUTHORITY       | 4/21/2023  | 5/9/2023   | SITE |
| <b>AL0000162</b> | OXFORD WATER WORKS & SEWER BOARD       | 8/29/2023  | 9/22/2023  | SITE |
| <b>AL0000441</b> | OZARK UTILITIES BOARD                  | 8/9/2023   |            | SMPL |
| <b>AL0000441</b> | OZARK UTILITIES BOARD                  | 5/23/2023  |            | SMPL |
| <b>AL0000441</b> | OZARK UTILITIES BOARD                  | 11/28/2022 |            | SMPL |
| <b>AL0000441</b> | OZARK UTILITIES BOARD                  | 7/25/2023  | 9/1/2023   | SNSV |
| <b>AL0000028</b> | PARK CITY WATER AUTHORITY, INC         | 1/27/2023  | 2/15/2023  | SNSV |

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| <b>AL0001344</b> | PARRISH WATER WORKS BOARD                | 2/2/2023   | 2/16/2023  | SNSV |
| <b>AL0000223</b> | PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM | 9/29/2023  |            | TECH |
| <b>AL0000223</b> | PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM | 5/4/2023   | 5/10/2023  | SNSV |
| <b>AL0001163</b> | PELHAM WATER WORKS                       | 7/20/2023  | 7/27/2023  | SNSV |
| <b>AL0001204</b> | PELL CITY, CITY OF                       | 6/22/2023  | 9/22/2023  | SNSV |
| <b>AL0000244</b> | PENNINGTON (UTILITIES BOARD OF)          | 7/14/2023  | 8/4/2023   | SITE |
| <b>AL0001490</b> | PERDIDO BAY WATER, SEWER & FPA           | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0001427</b> | PERRY COUNTY WATER AUTHORITY             | 9/27/2023  | 10/6/2023  | SITE |
| <b>AL0001309</b> | PETERSON WATER SYSTEM                    | 11/22/2022 | 11/29/2022 | SITE |
| <b>AL0001142</b> | PHENIX CITY UTILITIES                    | 6/22/2023  | 8/15/2023  | SNSV |
| <b>AL0000606</b> | PHIL CAMPBELL WATER WORKS                | 11/9/2022  | 11/18/2022 | SITE |
| <b>AL0001106</b> | PICKENS COUNTY WATER & F. P. AUTHORITY   | 8/17/2023  | 8/25/2023  | SITE |
| <b>AL0000164</b> | PIEDMONT UTILITIES BOARD                 | 6/27/2023  | 9/25/2023  | SITE |
| <b>AL0001120</b> | PIKE COUNTY WATER AUTHORITY              | 9/20/2023  | 9/26/2023  | SITE |
| <b>AL0001072</b> | PILGRIM-PROVIDENCE WATER AUTHORITY       | 4/25/2023  | 5/1/2023   | SITE |
| <b>AL0000292</b> | PILGRIMS PRIDE CORPORATION               | 5/26/2023  | 7/5/2023   | SITE |
| <b>AL0000443</b> | PINCKARD WATER DEPARTMENT                | 6/27/2023  | 8/21/2023  | SNSV |
| <b>AL0001391</b> | PINE APPLE WATER WORKS                   | 9/21/2023  | 10/6/2023  | SITE |
| <b>AL0000104</b> | PINE BLUFF WATER AUTHORITY               | 5/19/2023  | 6/9/2023   | SNSV |
| <b>AL0001393</b> | PINE HILL WATER DEPARTMENT               | 9/26/2023  | 9/28/2023  | SITE |
| <b>AL0001071</b> | PINE LEVEL WATER AUTHORITY               | 7/14/2023  | 7/27/2023  | SNSV |
| <b>AL0001205</b> | PINEDALE SHORES WSFPA                    | 4/12/2023  | 4/14/2023  | SNSV |
| <b>AL0001073</b> | PINTLALA WATER SYSTEM, INC.              | 5/16/2023  | 6/1/2023   | SITE |
| <b>AL0000726</b> | PISGAH WATER WORKS                       | 2/14/2023  | 3/6/2023   | SITE |
| <b>AL0001808</b> | PLURIS ALABAMA LLC                       | 8/15/2023  | 9/1/2023   | SNSV |
| <b>AL0000546</b> | POLLARD WATER SYSTEM                     | 6/8/2023   | 7/14/2023  | SITE |
| <b>AL0000017</b> | PRATTVILLE (WATER WORKS BOARD OF)        | 8/25/2023  | 9/6/2023   | SITE |
| <b>AL0001015</b> | PRICHARD WATER WORKS BOARD               | 1/25/2023  | 2/23/2023  | SNSV |
| <b>AL0001345</b> | PROVIDENCE WATER AUTHORITY               | 4/13/2023  | 4/14/2023  | SNSV |
| <b>AL0001508</b> | QUINT-MAR WATER AUTHORITY                | 3/29/2023  |            | SNSV |
| <b>AL0001508</b> | QUINT-MAR WATER AUTHORITY                | 10/18/2022 |            | SMPL |
| <b>AL0001508</b> | QUINT-MAR WATER AUTHORITY                | 4/4/2023   | 5/3/2023   | SNSV |
| <b>AL0001508</b> | QUINT-MAR WATER AUTHORITY                | 7/17/2023  |            | SMPL |
| <b>AL0001208</b> | RAGLAND, THE WWB OF THE TOWN OF          | 5/30/2023  | 9/22/2023  | SNSV |
| <b>AL0000588</b> | RAINBOW CITY, WWB OF THE TOWN OF         | 11/1/2022  | 11/14/2022 | SNSV |
| <b>AL0001074</b> | RAMER WATER COMPANY, INC.                | 4/25/2023  | 5/1/2023   | SITE |
| <b>AL0000283</b> | RANBURNE WATER & SEWER DEPARTMENT        | 3/9/2023   | 3/20/2023  | SNSV |
| <b>AL0001537</b> | RANDOLPH COUNTY WATER & SEWER AUTHORITY  | 7/26/2023  | 8/2/2023   | SITE |
| <b>AL0000095</b> | RANDOLPH WATER SYSTEM                    | 5/31/2023  | 6/12/2023  | SITE |
| <b>AL0001719</b> | RANGE CONTROL                            | 1/30/2023  | 4/11/2023  | SITE |
| <b>AL0001285</b> | RAY WATER AUTHORITY                      | 3/23/2023  | 4/14/2023  | SITE |

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| <b>AL0000607</b> | RED BAY (THE WATER WORKS & GAS BD)        | 2/15/2023  | 2/22/2023  | SNSV |
| <b>AL0000378</b> | RED LEVEL WATER WORKS                     | 6/16/2023  | 6/26/2023  | SNSV |
| <b>AL0000589</b> | REECE CITY WATER SYSTEM                   | 5/16/2023  | 6/6/2023   | SNSV |
| <b>AL0001107</b> | REFORM WATER & SEWER BOARD                | 8/18/2023  | 8/25/2023  | SITE |
| <b>AL0001672</b> | REMLAP-PINE MTN WATER AUTHORITY           | 2/24/2023  | 3/14/2023  | SNSV |
| <b>AL0000344</b> | REPTON WATER WORKS                        | 6/29/2023  | 7/6/2023   | SITE |
| <b>AL0000379</b> | RIVER FALLS WATER SYSTEM                  | 6/16/2023  | 6/26/2023  | SNSV |
| <b>AL0001209</b> | RIVERSIDE (TOWN OF)                       | 6/12/2023  | 9/29/2023  | SITE |
| <b>AL0000570</b> | RIVERVIEW WATER WORKS                     | 6/27/2023  | 7/24/2023  | SITE |
| <b>AL0001127</b> | ROANOKE (THE UTIL. BD. OF THE CITY OF)    | 7/28/2023  | 9/22/2023  | SNSV |
| <b>AL0000061</b> | ROBERTSDALE (CITY OF)                     | 6/22/2023  |            | SMPL |
| <b>AL0000061</b> | ROBERTSDALE (CITY OF)                     | 8/15/2023  |            | SMPL |
| <b>AL0000061</b> | ROBERTSDALE (CITY OF)                     | 9/13/2023  | 10/19/2023 | SITE |
| <b>AL0000353</b> | ROCKFORD UTILITIES BOARD, INC             | 3/23/2023  | 3/30/2023  | SITE |
| <b>AL0000789</b> | ROGERSVILLE WATER WORKS & SEWER BOARD     | 7/7/2023   | 7/12/2023  | SITE |
| <b>AL0001145</b> | RUSSELL COUNTY WATER AUTHORITY            | 11/18/2022 | 12/12/2022 | SITE |
| <b>AL0000610</b> | RUSSELLVILLE WATER WORKS                  | 5/10/2023  | 5/17/2023  | SNSV |
| <b>AL0000610</b> | RUSSELLVILLE WATER WORKS                  | 12/6/2022  |            | SMPL |
| <b>AL0000610</b> | RUSSELLVILLE WATER WORKS                  | 6/8/2023   |            | SMPL |
| <b>AL0000392</b> | RUTLEDGE WATER WORKS                      | 9/5/2023   | 9/26/2023  | SNSV |
| <b>AL0000628</b> | SAMSON WATER WORKS                        | 5/16/2023  | 5/31/2023  | SNSV |
| <b>AL0000384</b> | SANFORD WATER SYSTEM                      | 4/27/2023  | 5/11/2023  | SNSV |
| <b>AL0001021</b> | SARALAND, BD OF W&S COMMISSIONERS         | 9/7/2023   | 10/13/2023 | SITE |
| <b>AL0000947</b> | SARDIS CITY WATER BOARD                   | 11/8/2022  | 11/29/2022 | SNSV |
| <b>AL0001022</b> | SATSUMA WATER WORKS                       | 9/7/2023   | 10/13/2023 | SITE |
| <b>AL0000729</b> | SCOTTSBORO WATER WORKS                    | 6/22/2023  | 7/18/2023  | SNSV |
| <b>AL0000728</b> | SECTION-DUTTON WATER SYSTEM               | 12/1/2022  | 1/5/2023   | SITE |
| <b>AL0001077</b> | SELLERS STATION WATER SYSTEM              | 5/25/2023  | 6/1/2023   | SITE |
| <b>AL0000490</b> | SELMA WATER WORKS & SEWER BOARD           | 9/22/2023  | 11/27/2023 | SITE |
| <b>AL0000327</b> | SHEFFIELD UTILITIES, CITY OF SHEFFIELD DB | 7/7/2023   | 7/12/2023  | SITE |
| <b>AL0001671</b> | SHELBY COUNTY COMMISSION-WATER SERVICES   | 6/23/2023  | 6/29/2023  | SITE |
| <b>AL0000065</b> | SILVERHILL WATER SYSTEM (TOWN OF)         | 9/13/2023  | 10/19/2023 | SITE |
| <b>AL0000629</b> | SLOCOMB WATER WORKS AND SEWER BOARD       | 6/15/2023  | 8/15/2023  | SNSV |
| <b>AL0000820</b> | SMITHS WATER AND SEWER AUTHORITY          | 1/26/2023  | 2/16/2023  | SITE |
| <b>AL0000108</b> | SNEAD WATER WORKS (TOWN OF)               | 8/15/2023  | 9/22/2023  | SNSV |
| <b>AL0001078</b> | SNOWDOWN WATER SYSTEM INC                 | 5/18/2023  | 6/1/2023   | SITE |
| <b>AL0000593</b> | OLON DIXON FORESTRY EDUCATION CENTER      | 4/28/2023  | 5/18/2023  | SITE |
| <b>AL0000967</b> | SOUTH ALABAMA UTILITIES WATER SYSTEM      | 9/5/2023   | 10/13/2023 | SITE |
| <b>AL0000117</b> | SOUTH BULLOCK COUNTY WATER AUTHORITY      | 9/22/2023  | 10/2/2023  | SITE |
| <b>AL0000397</b> | SOUTH CRENSHAW COUNTY WATER AUTHORITY     | 9/12/2023  | 9/26/2023  | SITE |
| <b>AL0000500</b> | SOUTH DALLAS WATER AUTHORITY              | 9/28/2023  | 10/19/2023 | SITE |

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| <b>AL0001439</b> | SOUTH MARENGO CO WATER & FIRE PRO AUTH   | 3/2/2023   | 3/15/2023  | SITE |
| <b>AL0000066</b> | SOUTHPORT CAMPGROUNDS                    | 9/19/2023  | 9/27/2023  | SNSV |
| <b>AL0000591</b> | SOUTHSIDE WATER WORKS                    | 11/29/2022 | 1/5/2023   | SNSV |
| <b>AL0000591</b> | SOUTHSIDE WATER WORKS                    | 6/28/2023  |            | PRMT |
| <b>AL0001426</b> | SOUTHWEST ALABAMA WATER AUTHORITY        | 12/12/2022 |            | SMPL |
| <b>AL0001426</b> | SOUTHWEST ALABAMA WATER AUTHORITY        | 9/20/2023  |            | SMPL |
| <b>AL0001426</b> | SOUTHWEST ALABAMA WATER AUTHORITY        | 8/14/2023  |            | SMPL |
| <b>AL0001426</b> | SOUTHWEST ALABAMA WATER AUTHORITY        | 9/14/2023  | 10/2/2023  | SITE |
| <b>AL0000068</b> | SPANISH FORT WATER SYSTEM                | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0000329</b> | SPRING VALLEY WATER AUTHORITY            | 11/7/2022  | 11/18/2022 | SNSV |
| <b>AL0001211</b> | SPRINGVILLE WATER WORKS                  | 5/31/2023  | 9/22/2023  | SNSV |
| <b>AL0001366</b> | ST STEPHENS WATER SYSTEM                 | 8/14/2023  |            | SMPL |
| <b>AL0001366</b> | ST STEPHENS WATER SYSTEM                 | 9/1/2023   | 10/6/2023  | SITE |
| <b>AL0001031</b> | ST. ELMO-IRVINGTON WATER AUTHORITY       | 1/24/2023  | 2/14/2023  | SITE |
| <b>AL0000865</b> | STAR-MINDINGALL WATER AUTHORITY          | 11/4/2022  | 11/17/2022 | SNSV |
| <b>AL0001213</b> | STEELE WATER WORKS BOARD                 | 4/12/2023  | 4/14/2023  | SNSV |
| <b>AL0001164</b> | STERRETT-VANDIVER WATER SYSTEM           | 2/3/2023   | 2/22/2023  | SNSV |
| <b>AL0000732</b> | STEVENSON (UTIL. BOARD OF THE TOWN OF)   | 5/17/2023  | 6/6/2023   | SNSV |
| <b>AL0000354</b> | STEWARTVILLE WATER AUTHORITY             | 5/25/2023  | 6/1/2023   | SITE |
| <b>AL0000049</b> | STYX RIVER RESORT WATER SYSTEM           | 8/17/2023  | 9/6/2023   | SNSV |
| <b>AL0000772</b> | SULLIGENT (CITY OF)                      | 7/27/2023  | 8/21/2023  | SITE |
| <b>AL0001351</b> | SUMITON WATER WORKS BOARD                | 1/10/2023  | 1/13/2023  | SITE |
| <b>AL0000073</b> | SUMMERDALE WATER WORKS                   | 6/22/2023  |            | SMPL |
| <b>AL0000073</b> | SUMMERDALE WATER WORKS                   | 12/12/2022 |            | SMPL |
| <b>AL0000073</b> | SUMMERDALE WATER WORKS                   | 7/18/2023  |            | SMPL |
| <b>AL0000073</b> | SUMMERDALE WATER WORKS                   | 8/15/2023  |            | SMPL |
| <b>AL0000073</b> | SUMMERDALE WATER WORKS                   | 9/14/2023  | 10/19/2023 | SITE |
| <b>AL0001222</b> | SUMTER COUNTY WATER AUTHORITY            | 8/16/2023  | 8/25/2023  | SITE |
| <b>AL0000831</b> | SWAN CREEK COMMUNITY (ROYCE SWAN, LLC)   | 6/23/2023  | 7/11/2023  | SITE |
| <b>AL0000949</b> | SWEARENGIN WATER SYSTEM                  | 3/14/2023  | 3/20/2023  | SNSV |
| <b>AL0000918</b> | SWEETWATER TOWN OF WWSB                  | 6/1/2023   | 6/9/2023   | SITE |
| <b>AL0001378</b> | SYCAMORE WATER AND SEWER AUTHORITY       | 1/31/2023  | 2/16/2023  | SITE |
| <b>AL0001258</b> | SYLACAUGA UTILITIES BOARD                | 3/24/2023  | 4/11/2023  | SITE |
| <b>AL0001642</b> | TAC-X AAF                                | 1/30/2023  | 4/11/2023  | SITE |
| <b>AL0001685</b> | TALLADEGA COUNTY WATER SYSTEM            | 10/13/2022 | 10/24/2022 | SNSV |
| <b>AL0001260</b> | TALLADEGA WATER AND SEWER BOARD, CITY OF | 6/15/2023  | 7/10/2023  | SITE |
| <b>AL0001261</b> | TALLADEGA-SHELBY WATER TREATMENT PLANT   | 6/23/2023  | 6/29/2023  | SITE |
| <b>AL0000548</b> | TALLASSEE WATER WORKS                    | 5/15/2023  | 5/30/2023  | SITE |
| <b>AL0001781</b> | TATE & LYLE SUCRALOSE, INC. WATER SYSTEM | 8/30/2023  | 9/11/2023  | SITE |
| <b>AL0000702</b> | TAYLOR WATER SYSTEM                      | 6/28/2023  | 8/16/2023  | SNSV |
| <b>AL0000919</b> | THOMASTON WATER WORKS & GAS BOARD        | 5/4/2023   | 5/8/2023   | SITE |

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| <b>AL0000262</b> | THOMASVILLE WATER WORKS & SEWER BOARD    | 9/1/2023   | 10/6/2023  | SNSV |
| <b>AL0000229</b> | THORSBY WATER WORKS BOARD                | 8/24/2023  | 9/6/2023   | SITE |
| <b>AL0001753</b> | TIBBIE WATER & FIRE PROTECTION AUTHORITY | 4/13/2023  | 4/20/2023  | SITE |
| <b>AL0000583</b> | TILLISON BEND WATER AUTHORITY            | 11/8/2022  | 11/29/2022 | SNSV |
| <b>AL0001643</b> | TOTH FIELD                               | 1/30/2023  | 4/11/2023  | SITE |
| <b>AL0000800</b> | TOWN CREEK WATER SYSTEM                  | 5/23/2023  | 6/9/2023   | SITE |
| <b>AL0001353</b> | TOWNLEY WATER AUTHORITY                  | 3/9/2023   | 3/28/2023  | SITE |
| <b>AL0001804</b> | TRAINING AREA-15                         | 1/27/2023  | 4/11/2023  | SITE |
| <b>AL0000549</b> | TRI COMMUNITY WATER SYSTEM               | 10/31/2022 | 11/3/2022  | SITE |
| <b>AL0000905</b> | TRIANA WATER WORKS                       | 7/20/2023  | 7/27/2023  | SITE |
| <b>AL0001091</b> | TRINITY WATER WORKS SYSTEM               | 5/26/2023  | 6/9/2023   | SITE |
| <b>AL0001124</b> | TROY UTILITIES (CITY OF)                 | 9/11/2023  | 10/2/2023  | SITE |
| <b>AL0000761</b> | TRUSSVILLE UTILITIES                     | 6/15/2023  | 9/25/2023  | SITE |
| <b>AL0001510</b> | TURNERVILLE WATER & FIRE PRO DISTRICT    | 9/7/2023   | 10/13/2023 | SITE |
| <b>AL0001313</b> | TUSCALOOSA WATER & SEWER                 | 3/15/2023  | 3/24/2023  | SNSV |
| <b>AL0000331</b> | TUSCUMBIA WATER WORKS                    | 7/6/2023   | 7/17/2023  | SITE |
| <b>AL0000870</b> | TUSKEGEE UTILITIES BOARD                 | 8/10/2023  | 9/12/2023  | SNSV |
| <b>AL0000929</b> | TWIN WATER AUTHORITY                     | 8/9/2023   | 8/28/2023  | SNSV |
| <b>AL0000110</b> | TYSON FARM, INC. (BLOUNT CO.)            | 9/7/2023   |            | SMPL |
| <b>AL0000110</b> | TYSON FARM, INC. (BLOUNT CO.)            | 12/5/2022  |            | SMPL |
| <b>AL0000110</b> | TYSON FARM, INC. (BLOUNT CO.)            | 2/1/2023   | 3/7/2023   | SNSV |
| <b>AL0001037</b> | U.S. AMINES (BUCKS) LLC                  | 8/31/2023  | 9/11/2023  | SITE |
| <b>AL0000951</b> | UNION GROVE UTILITY BOARD                | 3/14/2023  | 3/20/2023  | SNSV |
| <b>AL0000118</b> | UNION SPRINGS UTIL BOARD                 | 9/22/2023  | 10/2/2023  | SITE |
| <b>AL0001100</b> | UNIONTOWN WATER WORKS & SEWER BOARD      | 9/27/2023  | 10/6/2023  | SITE |
| <b>AL0001810</b> | UNIVERSITY OF ALABAMA AT BIRMINGHAM      | 7/28/2023  | 8/2/2023   | SNSV |
| <b>AL0000927</b> | UPPER BEAR CREEK WATER AUTHORITY         | 8/11/2023  | 8/28/2023  | SNSV |
| <b>AL0001056</b> | URIAH WATER SYSTEM INC.                  | 7/14/2023  | 7/20/2023  | SITE |
| <b>AL0000899</b> | US ARMY GARRISON-REDSTONE ARSENAL        | 4/18/2023  | 5/9/2023   | SITE |
| <b>AL0000413</b> | V.A.W. WATER SYSTEM, INC                 | 4/20/2023  | 5/11/2023  | SNSV |
| <b>AL0000523</b> | VALLEY HEAD WATER WORKS BOARD            | 5/17/2023  | 5/30/2023  | SITE |
| <b>AL0000773</b> | VERNON WATER AND SEWER BOARD             | 7/27/2023  | 8/10/2023  | SITE |
| <b>AL0000612</b> | VINA WATER WORKS BOARD                   | 11/8/2022  | 11/18/2022 | SITE |
| <b>AL0001168</b> | VINCENT WATER WORKS BOARD                | 12/8/2022  | 12/15/2022 | SITE |
| <b>AL0001130</b> | WADLEY UTILITIES BOARD                   | 7/26/2023  | 8/2/2023   | SITE |
| <b>AL0001250</b> | WALDO WATER SYSTEM                       | 10/12/2022 | 10/17/2022 | SNSV |
| <b>AL0001288</b> | WALL STREET WATER AUTHORITY              | 3/16/2023  | 3/23/2023  | SNSV |
| <b>AL0000592</b> | WALNUT GROVE (TOWN OF)                   | 5/18/2023  | 6/6/2023   | SNSV |
| <b>AL0001289</b> | WALNUT HILL WATER AUTHORITY              | 3/28/2023  | 4/25/2023  | SNSV |
| <b>AL0000414</b> | WALTER WATER AUTHORITY                   | 4/17/2023  | 5/4/2023   | SITE |
| <b>AL0000763</b> | WARRIOR RIVER WATER AUTHORITY            | 8/31/2023  | 9/22/2023  | SITE |

|                  |  |            |            |      |
|------------------|--|------------|------------|------|
| <b>AL0001784</b> | WASHINGTON COUNTY WATER AUTHORITY        | 9/1/2023   | 10/4/2023  | SNSV |
| <b>AL0000816</b> | WATER WORKS BOARD OF THE CITY OF OPELIKA | 8/21/2023  | 8/24/2023  | SITE |
| <b>AL0001229</b> | WATER WORKS, INC.                        | 3/6/2023   | 4/11/2023  | SNSV |
| <b>AL0001216</b> | WATTSVILLE WATER AUTHORITY               | 6/13/2023  | 9/29/2023  | SITE |
| <b>AL0000297</b> | WAYNE FARMS LLC                          | 5/26/2023  | 6/7/2023   | SITE |
| <b>AL0000168</b> | WEAVER WATER SYSTEM (CITY OF)            | 7/11/2023  | 9/22/2023  | SITE |
| <b>AL0000708</b> | WEBB WATER SYSTEM                        | 7/27/2023  | 9/1/2023   | SNSV |
| <b>AL0001131</b> | WEDOWEE WATER, SEWER, & GAS BOARD        | 8/10/2023  | 9/28/2023  | SITE |
| <b>AL0001750</b> | WEST AUTAUGA WATER AUTHORITY             | 8/17/2023  | 8/28/2023  | SITE |
| <b>AL0001549</b> | WEST BANK DAMSITE/GEORGE W ANDREWS       | 8/15/2023  | 9/5/2023   | SITE |
| <b>AL0001566</b> | WEST BANK DAMSITE/W F GEORGE LAKE        | 8/15/2023  | 9/5/2023   | SITE |
| <b>AL0000087</b> | WEST BARBOUR COUNTY WATER AUTHORITY      | 6/7/2023   | 8/14/2023  | SNSV |
| <b>AL0000097</b> | WEST BLOCTON WATER WORKS                 | 8/31/2023  | 9/11/2023  | SNSV |
| <b>AL0000491</b> | WEST DALLAS CO WATER AUTHORITY           | 9/28/2023  | 10/20/2023 | SNSV |
| <b>AL0000553</b> | WEST ESCAMBIA UTILITIES INC.             | 6/9/2023   | 7/14/2023  | SITE |
| <b>AL0000582</b> | WEST ETOWAH WATER & FIRE PRO AUTHORITY   | 1/10/2023  | 2/6/2023   | SNSV |
| <b>AL0000582</b> | WEST ETOWAH WATER & FIRE PRO AUTHORITY   | 9/7/2023   |            | SMPL |
| <b>AL0000582</b> | WEST ETOWAH WATER & FIRE PRO AUTHORITY   | 12/5/2022  |            | SMPL |
| <b>AL0000765</b> | WEST JEFFERSON WATER WORKS (TOWN OF)     | 5/18/2023  | 5/22/2023  | SNSV |
| <b>AL0000794</b> | WEST LAUDERDALE CO WATER & FPA           | 5/25/2023  | 6/9/2023   | SITE |
| <b>AL0000801</b> | WEST LAWRENCE WATER COOP                 | 11/10/2022 | 11/18/2022 | SITE |
| <b>AL0001092</b> | WEST MORGAN-EAST LAWRENCE WATER AUTHORIT | 2/17/2023  | 3/6/2023   | SITE |
| <b>AL0001136</b> | WESTROCK COATED BOARD, LLC               | 4/19/2023  | 6/15/2023  | SITE |
| <b>AL0000551</b> | WETUMPKA WATER WORKS & SEWER BOARD       | 3/21/2023  | 3/30/2023  | SITE |
| <b>AL0000858</b> | WHITE HALL WATER BOARD                   | 4/4/2023   | 8/21/2023  | SNSV |
| <b>AL0000076</b> | WHITE HOUSE WATER SYSTEM, INC.           | 9/13/2023  | 10/19/2023 | SITE |
| <b>AL0001793</b> | WHITES COMMERCIAL PARK                   | 7/6/2023   | 7/27/2023  | SNSV |
| <b>AL0000573</b> | WHORTON BEND WATER AUTHORITY             | 11/7/2022  | 11/29/2022 | SNSV |
| <b>AL0001371</b> | WILCOX COUNTY WATER AND SEWER DISTRICT   | 9/28/2023  | 10/2/2023  | SITE |
| <b>AL0000058</b> | WILDERNESS RV PARK                       | 8/16/2023  | 8/24/2023  | SNSV |
| <b>AL0000669</b> | WILLS CROSS ROADS WATER SYSTEM           | 7/11/2023  | 8/30/2023  | SNSV |
| <b>AL0001171</b> | WILSONVILLE WATER WORKS                  | 12/8/2022  | 12/15/2022 | SITE |
| <b>AL0001172</b> | WILTON WATER WORKS                       | 5/26/2023  | 6/1/2023   | SNSV |
| <b>AL0000930</b> | WINFIELD WATER WORKS & SEWER BOARD       | 8/10/2023  | 8/28/2023  | SNSV |
| <b>AL0000366</b> | WISE METALS GROUP, LLC (CONSTELLIUM)     | 5/8/2023   | 5/17/2023  | SNSV |
| <b>AL0001219</b> | WOLF CREEK WATER AUTHORITY               | 4/14/2023  | 4/19/2023  | SNSV |
| <b>AL0001132</b> | WOODLAND WATER BOARD                     | 8/22/2023  | 9/22/2023  | SITE |
| <b>AL0001797</b> | YES SOUTHGATE, LLC                       | 11/15/2022 | 12/10/2022 | SNSV |
| <b>AL0001223</b> | YORK WATER SYSTEM/CITY OF YORK           | 8/16/2023  | 8/25/2023  | SITE |

## 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

| Laboratory 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 |