



# DRINKING WATER BRANCH

# FY2013 ANNUAL REPORT

MARCH 2014

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**FY2013 ANNUAL REPORT  
DRINKING WATER BRANCH-WATER DIVISION  
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**Program Management and Administration**

The Drinking Water Branch currently has 21 employees; including eight environmental engineers, six environmental scientists, four administrative assistants, and three supervisors.

ADEM's Drinking Water Branch regulates "public water systems." There are two categories of public water systems regulated by the Drinking Water Branch. The first category is community water systems, and the second category is non-community water systems.

Community water systems are water systems that 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 FY2013 there were 521 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 FY2013 there were 21 non-transient non-community water systems in Alabama. A transient non-community water system serves the public, but not the same individuals, at least sixty 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 FY2013 there were 54 transient non-community water systems in Alabama.

During FY2013, the Drinking Water Branch conducted 711 site visits, which includes 639 inspections (i.e. sanitary surveys, technical assistance, etc.) and 72 sampling visits. The Branch issued, renewed, or modified 91 permits in FY2013. There were 3 Notices of Violation (NOV) and 6 Administrative Orders (AO) issued in FY2013.

**Public Participation**

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

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

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

### **Permitting Activities**

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

In FY2013, renewed operating permits were issued for 8 water systems, and 30 permit modifications were issued for changes in ownership, consolidation of water systems, facility name changes, or other changes. Table 1 contains the breakdown of Operating Permit activity.

**TABLE 1**  
OPERATIONAL PERMIT ACTIVITY SUMMARY

<b>Type</b>	<b>Community</b>	<b>Transient Non-Community</b>	<b>Non Transient Non-Community</b>	<b>Total</b>
Water System Permit Renewals	7	0	1	8
New Water Systems Activated	1	0	0	1
Water Systems Inactivated	7	4	1	12

Public water systems must obtain a permit prior to the start of construction on any major addition (e.g. storage tanks, booster pump stations, new sources, and significant water main additions). A satisfactory application package (permit application, fee, and plans/specifications stamped by a professional engineer) must be received before the Department will issue a construction permit. Upon issuance of the permit the project information is logged into a database and its progress is tracked through monthly reports submitted by the consulting engineer for the project. Staff engineers reviewed and issued 58 construction permits in FY2013.

Approval to place the permitted project into service is given after submittal of the required information. This information includes a project completion form with material quantities and final costs, satisfactory bacteriological results and pressure test results. An on-site final inspection of the new facilities is generally not required. Record drawings must be provided to ADEM within 30 days of the final inspection on the project. A new water system becomes a regulated public water system when a compliance activation date is set and monitoring requirements are established. Table 2 lists public water system construction permit activities.

**TABLE 2**  
**PERMITTED PROJECT SUMMARY**

<b>Facility/Equipment</b>	<b>Permitted for Construction</b>	<b>Placed into Service</b>
Miles of Water Main	155.1	85.1
Customer Services	631	347
Fire Hydrants	246	166
Wells and Capacity (GPM)	14 @ 5,265	11 @ 7,225
New Water Treatment Plants (MGD)	2 @ 0.43	1 @ 3
Additions to WT Plants	0 @ 0	0 @ 0
Tanks and Capacity (MG)	10 @ 2.2	6 @ 3.45
Final Project Cost	N/A	\$65,022,924

### **Water System Inspection Activities**

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

A total of 639 inspections (278 sanitary surveys and 361 other inspections) were conducted in FY2013. Appendix A lists water system inspection activities.

### **SDWIS/State Activities**

In FY2013, the Drinking Water Branch upgraded its database of record, SDWIS (Safe Drinking Water Information System)/STATE Web Release 3.1 to version 3.2. Compliance Decision Support (CDS) continued to be utilized for automated compliance determination and sample

tracking. A Drinking Water Branch representative attended the 2013 ASDWA/EPA Data Management Users Conference in Fort Worth, TX during May, 2013 to receive continuing education regarding the SDWIS/STATE program. Continuing education was provided in Ft. Worth regarding the planned move by EPA and primacy agencies to SDWIS Nextgen, (since renamed SDWIS Prime) by the end of FY2014. The Branch continued to report Drinking Water Branch Data to EPA using FedRep, which is part of the Modernized Data Flow System implemented by EPA. Data was reported via XML format using FedRep.

Any electronic result submissions would have to comply with the Cross-Media Electronic Reporting Rule (CROMERR) promulgated by EPA during FY2006. The new Electronic Drinking Water Reporting System (eDWRs) allows labs to submit XML files of chemical and bacteriological results using the eDWR schema to the Department. The XML files can then be directly uploaded into SDWIS/STATE.

The Information Systems Branch is continuing to work on the eDWR for the Drinking Water Branch to receive reports and monitoring results electronically. This product would receive the results and automatically migrate the data into SDWIS/STATE. The Drinking Water Branch and Information Systems Branch are prepared to test the electronic monitoring results submission with participating labs. This software must also be CROMERR compliant.

### **Drinking Water Security Program**

The protection of public infrastructure is a cornerstone of Alabama's Homeland Security program, especially public drinking water supplies; therefore the Drinking Water Branch has ongoing efforts to ensure the safety of Alabama's drinking water supply. The Branch has successfully addressed and will continue to address bioterrorism, natural disasters, and other intentional acts that could disrupt or compromise the safety and reliability of drinking water supplies.

In efforts to ensure the safety of Alabama's drinking water supply, the Drinking Water Branch continues to conduct security inspections and assist drinking water utilities with emergency response, as well as provide technical assistance and information to utilities, consultants, Department staff, and the general public.

The Drinking Water Branch maintains a list of Standard Operating Procedures (SOPs) designed to ensure prompt and efficient responses between the utility, public health personnel, law enforcement, medical, and other emergency responders in the event of an intentional, natural, or terrorist act involving public water systems.

To more efficiently communicate security updates to the drinking water utilities in the State, the Drinking Water Branch is constantly updating and maintaining the Drinking Water Utility e-mail distribution list. In addition, periodic reviews of The Water ISAC (Information Sharing & Analysis Center) are performed to glean security information that can be passed along to the utilities by e-mail.

The Drinking Water Branch is presently working with ARWA with training classes and presentations on security topics.

## **Capacity Development Program**

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

In FY2013, ADEM contracted with the ARWA for their assistance to water systems that were having difficulty in complying with regulations and needed significant improvement in their technical, managerial, and financial capacity. ARWA guided three small systems to agree to merge with larger, neighboring systems and assisted two other systems in recovering from management issues. The Drinking Water Branch is continuing to work with these systems to correct any deficiencies noted by ARWA that have yet to be resolved.

Also for FY2013, ADEM prepared the Annual Capacity Development Implementation Report and submitted it to EPA. This report profiled The Department's work with public drinking water systems to improve their technical, financial, and managerial abilities.

## **Consumer Confidence Report Program**

The 1996 amendments to the Safe Drinking Water Act (SDWA) 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 the Department's Drinking Water regulations. 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 submit by July 1 a Certification Form stating the CCR delivery method met Division 7 regulations. This Annual Report covers the calendar year 2012 CCRs, which were required to be submitted by July 1, 2013. Of the 521 water systems required to complete a CCR and Certification Form, all (100%) met the submittal deadline.

## **Potability Certificate Program**

There is an agreement with the US Department of Agriculture (USDA) and the Alabama Department of Public Health (ADPH) for ADEM to issue water potability certificates to meat processing facilities, ice producing facilities and dairies. These facilities are required to submit monthly bacteriological results and maintain a free chlorine residual of one part per million (ppm). Based on the review of twelve monthly bacteriological results, renewal of the certificate is either granted or denied. In FY2013, a total of seven potability certificates were issued. They were all renewals.

## **Bottled Water Program**

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

There were not any new bottled water sources approved in FY2013. Currently, there are nineteen approved sources of bottled water in Alabama. These nineteen sources include the use of raw water from an approved public water supply source, and several private well and spring sources.

## **Water Well Driller Licensing Program**

In FY2013, 140 well driller licenses were issued. Of the total number of licenses issued, eight were new licensees. Drilling a well without a license carries a fine.

Applicants may apply to take the Alabama Water Well Driller's License exam with LaserGrade Computer Based Testing at [www.lasergrade.com](http://www.lasergrade.com) or call 1-800-211-2754. The exams can be taken any time during business hours and are administered at approved locations.

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

The 1996 amendments to the SDWA require a SWAP be completed for surface sources (rivers, creeks, lakes) and other sources designated as Groundwater Under the Direct Influence of surface water (GUDI). Alabama has completed a SWAP for all existing and proposed surface water sources. In FY2013 there were 73 water systems utilizing 93 surface water sources.

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 applying for renewal of its operating permit (every six years for community and ten years for non community water systems). The assessments are to be updated when there is a significant change in the contaminant inventory or susceptibility analysis. A completed SWAP for a surface water source must include the following:

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



The majority of potential contaminant sites within the source water assessment areas have been given a “low susceptibility” ranking. The main reason for these low rankings is that many of the raw water sources were designated for drinking water at the time of construction, and therefore, use by the public has been controlled. The majority of potential contaminants stem from highway bridge crossings where vehicular traffic is high but the potential for a “contamination event” is 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 nine SWAPs for eleven new or expanded community groundwater sources in FY2013. All of these reports were submitted from existing public water systems. SWAPs have been finalized for seven of the new well sources. For the remaining groundwater sources, the SWAP is currently in the process of being reviewed and finalized.

### **Wellhead Protection Program**

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

Underground storage tanks (UST) are potential significant sources of chemical contaminants in ground water in Alabama. Approximately 382 UST compliance inspections were completed within wellhead protection areas. Approximately 111 corrective action sites are located within wellhead protection areas.

The 2013 Alabama Groundwater Conference was held on June 5. There were approximately 140 registered attendees.

ADEM continues to support and be part of the Groundwater Guardian Program. ADEM was designated a Groundwater Guardian Affiliate for the seventeenth year. Three communities were designated Groundwater Guardians during the reporting period. These communities include the Eufaula, Limestone County, and New Brockton/Coffee County.

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. Twenty seven (27) Groundwater or Water Festivals were hosted. Approximately 22,000 students participated in a festival during the reporting period. The ARWA Groundwater and Source Water Technicians provide volunteer hours to several festivals per year and provide 4th grade teacher training on groundwater in preparation for the festivals. Funding to support the program is provided through an ADEM grant program. Festival committees can apply yearly for a \$1000 grant. ADEM continues to actively recruit counties to participate in Groundwater Festivals.

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

ADEM continued to be an active participant in the EPA Region 4 Area Wide Optimization Multi-State Pilot Program (AWOP-MSPP). The AWOP-MSPP is a cooperative effort to optimize performance of existing surface water treatment plants. The main goal of the program is to maximize public health protection from microbial contaminants and disinfection byproducts by coordinating existing system resources with proven performance improvement tools. Other states participating in the program include Kentucky, South Carolina, North Carolina, and Florida. Several members of the Drinking Water Branch's Surface Water Section participated in and conducted activities associated with AWOP-MSPP. These activities included the following:

- Fifty-two (52) of the 89 plants in the State met the AWOP goals for optimized protection against microbial contaminants in calendar year 2012 (most recent data available). This resulted in approximately 65% of the population served by surface water receiving water from an optimized treatment plant.
- The Department staff attended the three AWOP planning meetings and workshops during FY2013. These meetings were held December 2012 in Montgomery, AL; April 2013 in Atlanta, GA; and August 2013 in Cincinnati, OH.
- The Department personnel continued participation in developmental activities for the Distribution System Comprehensive Performance Evaluation with the EPA Technical Support Center during FY2013 in association with several water systems in Cullman County.
- The Department conducted its sixteenth annual training session for surface water treatment plant personnel in October 2013 at Auburn University Montgomery.
- Presentations regarding AWOP topics were made at the AWPCA and ARWA conferences.
- Each surface water engineer has made AWOP a priority for the systems in their district and has incorporated AWOP into their daily activities.

## **Enforcement Activities**

Drinking Water Branch enforcement activities are shown in Table 3. A total of 96 violation letters (e.g. – Maximum Contaminant Level (MCL) exceedances, Monitoring and Reporting violations, state violations, etc.) were mailed to water systems during FY2013. Because of the seriousness of MCL violations, Drinking Water staff attempt to perform as many follow-up inspections as possible for this type of violation. These follow-up inspections were conducted as either separate inspections or in conjunction with the annual inspection or sanitary survey. Circumstances surrounding the violation were discussed with system personnel and, if necessary, procedural changes were implemented by the system to prevent recurrence of the violation. Drinking Water Branch staff conducted a total of five of these follow-up visits.

**TABLE 3**  
ENFORCEMENT ACTIONS

<b>Enforcement Action</b>	<b>No.</b>
Violation Letters	96
Compliance Meetings	0
Violation Follow-ups	5
Notices of Violation	3
Show Cause Hearings	0
Consent Orders	6
Unilateral Orders	0
Court Cases	0

Three Notices of Violation (NOVs) were issued for systems incurring multiple violations, having multiple deficiencies at one time, or having an issue needing increased attention from the water system. Six consent orders were issued – three for multiple disinfection byproduct MCL violations, two for failure to install auxiliary power at their water plant, and one for a water treatment plant monitoring failure. Prior to finalizing a consent order, a water system is afforded the opportunity to meet with Branch staff and “show cause” why the order should be modified or withdrawn. No show cause hearings were held during the fiscal year. ADEM did not enter into any court cases during FY2013.

## **Bacteriological Monitoring and Compliance**

A total of 528 community water systems were required to monitor for bacteriological contaminants. Ten systems incurred monitoring violations, and twelve systems incurred Maximum Contaminant Level (MCL) violations. Daviston, Eufaula, Millry and Union Springs each incurred two bacteriological MCL violations during FY2013.

In FY2013, 98.1% of the community water systems were in compliance with monitoring and reporting requirements for the Coliform Standard and 97.7% were in compliance with MCL standards. Bacteriological compliance rates were higher for monitoring/reporting requirements and maximum contaminant levels than the previous fiscal year.

A total of 22 Non-Transient Non-Community (NTNC) Water Systems were required to monitor for bacteriological contaminants. No NTNC water systems incurred either a MCL violation or monitoring violation.

A total of 57 Transient Non-Community (TNC) Water Systems were required to monitor for bacteriological contaminants. Ten systems incurred monitoring violations, and two systems incurred MCL violations. 82.5% of the systems were in compliance with monitoring and reporting requirements, and 98.2% of the systems were in compliance with MCL standards. Bacteriological compliance rates were lower for monitoring/reporting requirements and slightly lower for maximum contaminant levels than the previous fiscal year.

## **Chemical Monitoring and Compliance**

Chemical monitoring is scheduled based on the calendar year. Therefore, only a summary of the results for the present fiscal year will be included in this annual report. A complete report of chemical compliance data for calendar year 2013 will be included in the 2013 annual violations report which will be produced in May or June 2014.

The following is a summary for the present fiscal year:

- 313 water systems monitored 648 different sources for inorganic contaminants. All water systems with sources were required to monitor for nitrates, with no system incurring an MCL violation for any inorganic contaminant.
- 304 water systems monitored for volatile organic chemicals (VOCs). Of the 615 ground and surface sources analyzed during the fiscal year, 43 sources contained twelve different regulated VOCs. No system incurred an MCL violation for VOCs.
- 273 water systems monitored for synthetic organic chemicals (SOCs). Of the 605 ground and surface sources analyzed for SOCs, 48 sources contained seven different regulated SOCs. No system incurred an MCL violation for SOCs.
- 127 systems (74 surface and 53 ground water) were required to monitor for turbidity. Although several systems were late in reporting turbidity data during the year, no systems incurred treatment technique violations or monitoring violations.

## **Lead and Copper Monitoring Program**

Lead and Copper regulation changes in 2009 required water systems that conduct monitoring to report the level of lead and copper to the customer that was sampled. The notice must also include the action levels, health effects of lead, and steps a consumer can take to reduce the lead level in their drinking water. Water systems also must submit a report to ADEM anytime a new source or treatment is added or a major modification to an existing treatment is made. This report must detail any effect of this treatment change on lead and copper levels and must be approved by ADEM before the source or treatment is added or changed.

A total of 215 systems monitored for Lead and Copper in FY2013. Three water systems exceeded the lead action level and one water system exceeded the copper action level in FY2013. Water systems that exceed an action level must submit a corrosion control plan, conduct source water and water quality parameter monitoring, and return to six month monitoring. In addition,

systems that exceed the lead action level must also provide their customers with lead education materials. All systems complied with these requirements. A complete report of lead and copper compliance data for calendar year 2013 will be included in the 2013 annual violations report which will be produced in May or June 2014.

### **Disinfection Byproduct Monitoring and Compliance**

Stage 2 Disinfection Byproduct Monitoring (DBP) began in January 2012. These new requirements required all water systems to determine compliance by a locational running annual average. All community and NTNC water systems were required to monitor for disinfection byproducts. DBPs include total trihalomethanes (TTHM) and haloacetic acids (HAA5). Seventeen systems incurred MCL violations for TTHMs and seven systems incurred MCL violations for HAA5s.

Eighteen water systems incurred monitoring violations for disinfection byproducts during FY2013. The reason for the increase in DBP monitoring violations was the more prescriptive monitoring requirements which required water systems on quarterly monitoring to monitor in a specific week each quarter. Also, the new regulations stated that water systems that incurred a monitoring violation incurred violation for all quarters that those results would have been used to determine compliance.

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

All systems with a surface source or a source that is classified as groundwater under the influence of surface water (GWUDI) 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.

### **Laboratory Certification Program**

ADEM regulations require an annual fee for recertification of drinking water laboratories. All chemical and bacteriological analyses of water samples required by the State must be analyzed at a laboratory certified by ADEM.

A total of 43 bacteriological laboratories were certified during the fiscal year. In FY2013, one new bacteriological laboratory (Polyenvironmental Corporation) was certified, and two laboratories (Pell City and TestAmerica Mobile) decided to end their certifications. The certified bacteriological laboratories consisted of two State Health Department laboratories, 27 water system laboratories, twelve commercial laboratories, one county laboratory, and one state college laboratory.

A total of 40 (seventeen in-state and 23 out-of-state) chemical and radiological laboratories were certified during the fiscal year. Two in-state chemical laboratories and two out-of-state chemical laboratories chose not to renew their certifications during FY2013. Appendices B and C contain a list of certified chemical, radiological, and bacteriological laboratories.

ADEM continued to hold its coordination meetings with the Health Department each quarter to discuss certification issues. In addition, ADEM revised its written program plan and standard operating procedures.

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

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

### **Operator Certification Program**

The FY2013 Alabama Operator Certification Annual Report is incorporated by reference and has been submitted to the EPA Region IV Operator Certification Coordinator under separate cover.

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

Based on experience gained from past emergencies and natural disasters, the Department is working to ensure that all emergency responders are NIMS (National Incident Management Systems) compliant in order to assist water utilities, if needed, during emergencies or natural disasters. This will also ensure responders are prepared to implement standardized procedures when responding to a large scale incident as part of a national response team. The Department is also continuing its efforts, by working with AWWA, NRWA (National Rural Water Association), and other water associations and agencies to maintain ALWarn (Alabama's Water/Wastewater Agency-Utility Response Network). This is a network of utilities offering assistance to other utilities during natural disasters and emergencies. The network is not a corporation or a governmental unit, but rather consists of Alabama utilities who agree to help each other with personnel and resources during emergencies and disasters, especially during hurricanes and winter freezes.

ADEM hosted the Water Sector Emergency Response/Recovery Workshop (AIWSERW) on February 20 and 21<sup>st</sup>, 2013 in Montgomery Alabama. Other participants included drinking water and wastewater utilities, local and state departments and agencies, federal agencies, and other response partners. This Tabletop Exercise (TTX) provided an opportunity to augment emergency response planning and to build relationships between utility, local, state, federal and other water sector stakeholders and response partners. It enhanced the ability for all forms of government agencies, water systems and emergency response teams to prepare for, manage, and respond to water-infrastructure consequences resulting from any emergency or major disaster.

ADEM coordinated Water Sector Incident Command System (ICS) and National Incident Management System (NIMS) Training in Gadsden, Alabama on July 24, 2013. Attendees included water and wastewater utility managers and operators, engineers and ADEM personnel.

ADEM personnel served as a member of the ASDWA Security Committee which is working on initiatives to improve security at water utilities. These efforts include infrastructure as well as cyber security and promoting resiliency among water utilities and state primacy agencies.

## **APPENDICES**



## **APPENDIX A**

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

<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
ABBEVILLE WATER WORKS & SEWER BOARD	28-Dec-12	Operation and Maintenance
ADDISON WATER WORKS	25-Oct-12	Sanitary Survey
AKRON WATER SYSTEM	8-Jan-13	Operation and Maintenance
ALABAMA DOT/I-10 AL/FL WELCOME CENTER	12-Jun-13	Operation and Maintenance
ALABAMA PICK AND TRADE FLEA MARKET	18-Jul-13	Sanitary Survey
ALABASTER WATER BOARD	3-May-13	Operation and Maintenance
ALBERTVILLE UTILITIES BOARD	31-May-13	Operation and Maintenance
ALEXANDER CITY WATER DEPARTMENT	16-Apr-13	Operation and Maintenance
ALICEVILLE WATER & SEWER BOARD	3-Apr-13	Sanitary Survey
ALLEN AAF	27-Sep-13	Operation and Maintenance
ALLGOOD WATER WORKS (TOWN OF)	30-May-13	Sanitary Survey
ALTOONA WATER & SEWER SERVICE	31-May-13	Sanitary Survey
ANDALUSIA (UTILITIES BOARD OF)	3-Dec-12	Construction
ANDALUSIA (UTILITIES BOARD OF)	21-Aug-13	Operation and Maintenance
ANNISTON WATER & SEWER BOARD	27-Mar-13	Operation and Maintenance
ANNISTON WATER & SEWER BOARD	3-Sep-13	Operation and Maintenance
ARAB WATER WORKS BOARD	29-May-13	Operation and Maintenance
ARDMORE WATER SYSTEM	27-Mar-13	Operation and Maintenance
ARITON WATER WORKS	24-Apr-13	Sanitary Survey
ARLEY WATER WORKS	27-Nov-12	Operation and Maintenance
ASBURY WATER SYSTEM	29-May-13	Operation and Maintenance
ASHFORD WATER WORKS	12-Jul-13	Operation and Maintenance
ASHLAND WATER WORKS & SEWER	30-Apr-13	Operation and Maintenance
ASHVILLE WATER AND SEWER	16-Jul-13	Sanitary Survey
ATHENS UTILITIES	1-Apr-13	Operation and Maintenance
ATTALLA WATER WORKS BOARD	27-Mar-13	Sanitary Survey
AUBURN WATER WORKS	11-Jun-13	Operation and Maintenance
AUTAUGA CO WATER AUTHORITY	8-May-13	Investigation/Complaint
AUTAUGA CO WATER AUTHORITY	26-Jul-13	Operation and Maintenance
AUTAUGAVILLE WATER SYSTEM	8-Jul-13	Operation and Maintenance
AUTAUGAVILLE WATER SYSTEM	9-May-13	Site Inspection
AVON WATER SYSTEM	12-Jul-13	Operation and Maintenance
BAKERHILL WATER AUTHORITY	14-Nov-12	Sanitary Survey
BALDWIN BAPTIST CAMP	5-Sep-13	Operation and Maintenance
BALLEWS APARTMENTS	27-Jun-13	Operation and Maintenance
BANKS WATER SYSTEM	11-Jun-13	Sanitary Survey
BASF CORPORATION	18-Apr-13	Sanitary Survey
BAYOU LA BATRE UTILITIES	4-Oct-12	Sanitary Survey
BEAR CREEK WATER WORKS	7-Aug-13	Sanitary Survey
BEATRICE WATER SYSTEM	15-Apr-13	Sanitary Survey
BEAUREGARD WATER AUTHORITY	10-Jul-13	Sampling
BEAUREGARD WATER AUTHORITY	10-Apr-13	Sampling
BEAUREGARD WATER AUTHORITY	15-Jan-13	Sampling
BEAUREGARD WATER AUTHORITY	9-Oct-12	Sampling

System	Inspection Date	Type
BEAUREGARD WATER AUTHORITY	20-Mar-13	Operation and Maintenance
BELFOREST WATER SYSTEM	11-Oct-12	Sampling
BELFOREST WATER SYSTEM	24-Jan-13	Sanitary Survey
BELFOREST WATER SYSTEM	20-Feb-13	Sampling
BELFOREST WATER SYSTEM	18-Mar-13	Sampling
BELFOREST WATER SYSTEM	9-Apr-13	Sampling
BELFOREST WATER SYSTEM	9-Jul-13	Sampling
BELK WATER SYSTEM	6-Aug-13	Operation and Maintenance
BELLWOOD WATER & FIRE AUTH.	28-Mar-13	Sanitary Survey
BERRY WATER DEPARTMENT, TOWN OF	9-Jan-13	Sanitary Survey
BESSEMER WATER SERVICE	5-Dec-12	Operation and Maintenance
BETHEL WATER SYSTEM	18-Jul-13	Sanitary Survey
BEULAH UTILITIES DISTRICT	17-Sep-13	Operation and Maintenance
BIG OAK CAMPGROUND	29-Aug-13	Sanitary Survey
BIG WILLS WATER & FIRE PRO AUTHORITY	15-Jul-13	Sanitary Survey
BILLINGSLEY WATER SYSTEM	17-Jul-13	Operation and Maintenance
BIRMINGHAM WATER WORKS BOARD	25-Apr-13	Sanitary Survey
BLACK WATER WORKS	10-Jul-13	Operation and Maintenance
BLOUNT COUNTY WATER	24-Oct-12	Operation and Maintenance
BLOUNTSVILLE UTILITIES BOARD	29-May-13	Operation and Maintenance
BLUE HOLE WATER COMPANY, INC., THE	28-Mar-13	Sanitary Survey
BLUE SPRINGS WATER WORKS	6-Jun-13	Operation and Maintenance
BLUFF CREEK PARK/W F GEORGE LAKE	12-Sep-13	Operation and Maintenance
BOAZ WATER & SEWER BOARD	29-May-13	Operation and Maintenance
BOLDO WATER & FIRE PROT. AUTHORITY	26-Jun-13	Operation and Maintenance
BRANTLEY WATER WORKS	13-Jun-13	Sanitary Survey
BRENT UTILITIES BOARD	4-Apr-13	Operation and Maintenance
BREWTON WATER WORKS	9-May-13	Operation and Maintenance
BRIDGEPORT UTILITIES BOARD	2-Jul-13	Sanitary Survey
BRILLIANT WATER WORKS	29-Mar-13	Sanitary Survey
BROOKSIDE WATER WORKS	10-Jun-13	Operation and Maintenance
BRUNDIDGE WATER DEPARTMENT	11-Jun-13	Sanitary Survey
BUCKS POCKET STATE PARK	29-Aug-13	Sanitary Survey
BUHL, ELROD & HOLMAN WATER AUTHORITY	9-Jan-13	Operation and Maintenance
BUTLER COUNTY WATER AUTHORITY	21-Jun-13	Sanitary Survey
BUTLER WATER SYSTEM	13-May-13	Operation and Maintenance
CAA/C-T-C PLAINVIEW HEAD START PROGRAM	7-Aug-13	Operation and Maintenance
CALERA WATER WORKS	25-Feb-13	Operation and Maintenance
CALHOUN COUNTY WATER & FIRE PR AUTHORITY	5-Aug-13	Sanitary Survey
CAMDEN WATER & SEWER DEPARTMENT	30-Jul-13	Sanitary Survey
CAMP ALAMISCO	15-May-13	Sanitary Survey
CAMP ASCCA	15-May-13	Sanitary Survey
CAMP COTTAQUILLA GSA	30-Aug-13	Sanitary Survey
CAMP HILL UTILITIES BOARD	7-Aug-13	Operation and Maintenance
CAMP LEE	30-Aug-13	Sanitary Survey
CAMP MAC	6-Jun-13	Sanitary Survey

System	Inspection Date	Type
CAMP MCDOWELL	28-Jun-13	Other
CAMP SEQUOYAH	30-Aug-13	Sanitary Survey
CAMP SUMATANGA	29-Aug-13	Sanitary Survey
CAMP VICTORY	25-Sep-13	Sanitary Survey
CANOE WATER WORKS	10-Oct-12	Sampling
CANOE WATER WORKS	19-Feb-13	Sampling
CANOE WATER WORKS	28-Feb-13	Operation and Maintenance
CANOE WATER WORKS	19-Aug-13	Sampling
CARBON HILL UTILITIES BOARD	6-Feb-13	Operation and Maintenance
CARROLLS CREEK WATER AUTHORITY	8-Feb-13	Operation and Maintenance
CARROLLTON WATER WORKS	4-Apr-13	Operation and Maintenance
CASTLEBERRY WATER SYSTEM	27-Feb-13	Sanitary Survey
CEDAR BLUFF UTILITIES BOARD	23-Aug-13	Operation and Maintenance
CENTRAL ELMORE WATER AUTHORITY	20-Jun-13	Operation and Maintenance
CENTRAL TALLADEGA COUNTY WATER AUTHORITY	12-Jun-13	Operation and Maintenance
CENTRE WATER & SEWER BOARD	26-Mar-13	Operation and Maintenance
CENTREVILLE WATER & SEWER	27-Mar-13	Sanitary Survey
CHANDLER MTN/GREASY COVE WATER AND FPA	28-Aug-13	Sanitary Survey
CHATOM UTILITIES BOARD	30-Apr-13	Operation and Maintenance
CHATTAHOOCHEE VALLEY WATER SUPPLY DIST	3-May-13	Sanitary Survey
CHEAHA STATE PARK	30-Aug-13	Sanitary Survey
CHEROKEE COUNTY WATER AUTHORITY	6-Aug-13	Operation and Maintenance
CHEROKEE WATER & GAS DEPARTMENT	6-Jun-13	Operation and Maintenance
CHILDERSBURG WATER & SEWER BOARD	19-Sep-13	Sanitary Survey
CHILTON WATER AUTHORITY	24-Apr-13	Sanitary Survey
CHISHOLM HEIGHTS WATER & F P AUTHORITY	18-Jun-13	Sanitary Survey
CHOCTAW-EDNA WATER AUTHORITY, INC.	25-Apr-13	Sanitary Survey
CITIZENS WATER SERVICE, INC.	10-Jan-13	Operation and Maintenance
CLANTON WATER DEPARTMENT	2-May-13	Operation and Maintenance
CLARKE COUNTY WATER SYSTEM	29-May-13	Sanitary Survey
CLAY COUNTY WATER AUTHORITY	26-Oct-12	Informal System Inspection
CLAY COUNTY WATER AUTHORITY	8-Jan-13	Operation and Maintenance
CLAY COUNTY WATER AUTHORITY	30-Apr-13	Other
CLAYTON WATER WORKS & SEWER	14-Nov-12	Sanitary Survey
CLEAR CREEK HARBOR, CORP	25-Apr-13	Sanitary Survey
CLEBURNE COUNTY WATER AUTHORITY	29-Aug-13	Operation and Maintenance
CLEVELAND WATER WORKS	29-May-13	Operation and Maintenance
CLIO WATER WORKS	14-Nov-12	Construction
CLIO WATER WORKS	24-Apr-13	Operation and Maintenance
COALING WATER AUTHORITY	7-Dec-12	Operation and Maintenance
COASTAL FOREST PRODUCTS, LLC	17-Apr-13	Sanitary Survey
COFFEE COUNTY WATER AUTHORITY	7-Jun-13	Operation and Maintenance
COFFEE SPRINGS WATER SYSTEM	29-Mar-13	Operation and Maintenance
COFFEEVILLE WATER WORKS (TOWN OF)	29-Apr-13	Sanitary Survey
COKER WATER AUTHORITY	9-Jan-13	Operation and Maintenance
COLBERT COUNTY RURAL WATER SYSTEM	31-Oct-12	Operation and Maintenance

System	Inspection Date	Type
COLEMAN LAKE USFS REC AREA	30-Aug-13	Sanitary Survey
COLLINSVILLE WATER WORKS	23-Aug-13	Sanitary Survey
COLUMBIA WATER WORKS	16-Nov-12	Sanitary Survey
COLUMBIANA WATER WORKS	1-Apr-13	Sanitary Survey
COOK SPRINGS WATER AUTHORITY	19-Feb-13	Sanitary Survey
COOSA PINES RECREATION ASSOC., INC.	25-Apr-13	Sanitary Survey
COOSA VALLEY WATER SUPPLY DISTRICT	29-May-13	Operation and Maintenance
COPELAND FERRY/PUMPKIN CENTER W S	6-Feb-13	Sanitary Survey
CORDOVA WATER WORKS & GAS BOARD	6-Feb-13	Sanitary Survey
COTTONWOOD WATER WORKS	15-Nov-12	Sanitary Survey
COVINGTON COUNTY WATER AUTHORITY	5-Jun-13	Operation and Maintenance
COWARTS WATER SYSTEM	28-Dec-12	Operation and Maintenance
COWIKEE WATER AUTHORITY	3-Sep-13	Operation and Maintenance
CROSSVILLE WATER BOARD	15-Jul-13	Operation and Maintenance
CUBA WATER BOARD	2-May-13	Operation and Maintenance
CULLMAN COUNTY WATER DEPARTMENT	26-Nov-12	Operation and Maintenance
CULLMAN COUNTY WATER DEPARTMENT	7-Mar-13	Technical assistance
CULLMAN UTILITIES BOARD	25-Feb-13	Technical assistance
CULLMAN UTILITIES BOARD	13-May-13	Operation and Maintenance
CULLMAN UTILITIES BOARD	27-Mar-13	Technical assistance
CULLMAN UTILITIES BOARD	7-Mar-13	Technical assistance
CULLMAN WATER WORKS, CITY OF	8-Aug-13	Operation and Maintenance
CUMBERLAND MOUNTAIN WATER	31-Oct-12	Sanitary Survey
CURRY WATER AUTHORITY	28-Jun-13	Operation and Maintenance
CWM WATER AUTHORITY	14-Jun-13	Operation and Maintenance
DADEVILLE, WATER WORKS & SEWAGE BOARD	22-Aug-13	Operation and Maintenance
DALE COUNTY WATER AUTHORITY	24-Apr-13	Operation and Maintenance
DALEVILLE WATER & SEWER BOARD	22-Aug-13	Sanitary Survey
DALLAS COUNTY WATER & SEWER AUTHORITY	1-Aug-13	Sanitary Survey
DAPHNE (UTILITIES BOARD OF THE CITY OF)	24-May-13	Operation and Maintenance
DAUPHIN ISLAND WATER & SEWER	15-May-13	Operation and Maintenance
DAVISTON WATER SYSTEM (TOWN OF)	6-Jun-13	Operation and Maintenance
DECATUR (MUNICIPAL UTILITIES BOARD OF)	19-Aug-13	Operation and Maintenance
DEER PARK-VINEGAR BEND WATER & FPA	14-May-13	Operation and Maintenance
DEKALB-JACKSON WATER SUPPLY DISTRICT	15-Jul-13	Operation and Maintenance
DEMOPOLIS WATER WORKS AND SEWER BOARD	7-Aug-13	Sanitary Survey
DETROIT WATER WORKS	17-Jun-13	Sanitary Survey
DORA UTILITIES	6-Feb-13	Sanitary Survey
DOTHAN UTILITIES (CITY OF)	27-Mar-13	Sanitary Survey
DOUBLE SPRINGS WATER WORKS	25-Oct-12	Sanitary Survey
DOUGLAS (WATER & FIRE PRO AUTHORITY OF)	30-May-13	Operation and Maintenance
DOZIER WATER WORKS	13-Jun-13	Sanitary Survey
EAST ALABAMA WATER & FIRE PRO DISTRICT	17-Sep-13	Operation and Maintenance
EAST BREWTON WATER & SEWER BOARD	9-May-13	Operation and Maintenance
EAST CENTRAL BALDWIN COUNTY WATER & FPA	23-May-13	Sanitary Survey
EAST CULLMAN WATER SYSTEM	24-Oct-12	Operation and Maintenance

System	Inspection Date	Type
EAST LAUDERDALE COUNTY WATER AUTHORITY	28-Mar-13	Operation and Maintenance
EAST LOWNDES WATER ASSOCIATION	19-Jun-13	Operation and Maintenance
EAST LOWNDES WATER ASSOCIATION	19-Jun-13	Sanitary Survey
ECH AAF	25-Sep-13	Operation and Maintenance
ECLECTIC WATER WORKS & SEWER BOARD	12-Apr-13	Sanitary Survey
EDWARDSVILLE WATER & FIRE PRO AUTHORITY	29-Aug-13	Operation and Maintenance
ELBA WATER WORKS	26-Mar-13	Operation and Maintenance
ELDRIDGE WATER SYSTEM	29-Mar-13	Sanitary Survey
ELKMONT WATER WORKS	30-May-13	Operation and Maintenance
ELMORE WATER & SEWER AUTHORITY	27-Jun-13	Operation and Maintenance
ENGLEWOOD-HULLS WATER SYSTEM, INC.	8-Feb-13	Operation and Maintenance
ENTERPRISE WATER WORKS	25-Apr-13	Operation and Maintenance
EQUITY GROUP - EUFAULA DIVISION, LLC	12-Sep-13	Operation and Maintenance
EUFAULA WATER WORKS	16-May-13	Sanitary Survey
EUFAULA WATER WORKS	14-Aug-13	Other
EUREKA WATER SERVICE, INC.	14-Jun-13	Operation and Maintenance
EUTAW WATER DEPARTMENT	8-Jan-13	Operation and Maintenance
EVERGREEN ESTATES	17-Jun-13	Operation and Maintenance
EVERGREEN WATER WORKS	27-Feb-13	Sanitary Survey
EXCEL WATER SYSTEM	3-Apr-13	Operation and Maintenance
FAIRHOPE WATER SYSTEM (CITY OF)	2-May-13	Sanitary Survey
FAIRVIEW WATER SYSTEM (CONECUH)	2-Apr-13	Sanitary Survey
FALKVILLE WATER WORKS	26-Mar-13	Sanitary Survey
FARLEY NUCLEAR PLANT	17-May-13	Operation and Maintenance
FAUNSDALE WATER WORKS	31-Jul-13	Operation and Maintenance
FAYETTE CO. WATER COORD. & F. P. A.	6-Aug-13	Operation and Maintenance
FAYETTE WATER WORKS BOARD	22-Jan-13	Operation and Maintenance
FAYETTEVILLE WATER AUTHORITY	27-Jun-13	Operation and Maintenance
FIVE STAR WATER SUPPLY DISTRICT	24-Jan-13	Operation and Maintenance
FLOMATON WATER WORKS	12-Sep-13	Sanitary Survey
FLORALA REST AREA (U.S. 331)	25-Sep-13	Operation and Maintenance
FLORALA WATER WORKS & SEWER BOARD	10-Jul-13	Operation and Maintenance
FLORENCE WATER-WASTEWATER DEPARTMENT	30-Jul-13	Operation and Maintenance
FOLEY (UTILITIES BOARD OF THE CITY OF)	29-May-13	Sanitary Survey
FORDS VALLEY & HWY 278 WATER	29-Aug-13	Sanitary Survey
FORKLAND WATER SYSTEM	25-Oct-12	Sanitary Survey
FORT DEPOSIT WATER & SEWER BOARD	20-Jun-13	Sanitary Survey
FORT PAYNE WATER WORKS BOARD	3-Jul-13	Sanitary Survey
FORT RUCKER - AMERICAN WATER	26-Apr-13	Operation and Maintenance
FORT TOULOUSE PARK	28-Aug-13	Operation and Maintenance
FORWARD OPERATING BASE	25-Sep-13	Operation and Maintenance
FOSTERS-RALPH WATER AUTHORITY	10-Jan-13	Operation and Maintenance
FOSTERS-RALPH WATER AUTHORITY	1-May-13	Operation and Maintenance
FRANKLIN COUNTY WATER SERVICES AUTHORITY	3-Apr-13	Operation and Maintenance
FRANKLIN WATER SYSTEM	15-May-13	Sanitary Survey
FRANKVILLE WATER & FIRE PRO AUTHORITY	30-Apr-13	Sanitary Survey

<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
FREEMANVILLE WATER SYSTEM	12-Sep-13	Sanitary Survey
FRIENDSHIP WATER WORKS	22-Aug-13	Operation and Maintenance
FRISCO CITY WATER SYSTEM	15-Apr-13	Sanitary Survey
FRUITDALE WATER SYSTEM	21-Aug-13	Operation and Maintenance
FT MITCHELL WATER SYSTEM	28-Jun-13	Sanitary Survey
FULTON (UTILITIES BOARD OF THE TOWN OF)	29-Apr-13	Operation and Maintenance
GADSDEN WATER WORKS AND SEWER BOARD	25-Mar-13	Operation and Maintenance
GANTT WATER SYSTEM	3-Dec-12	Sanitary Survey
GARDEN CITY WATER DEPARTMENT	27-Mar-13	Sanitary Survey
GENEVA WATER WORKS	28-Mar-13	Sanitary Survey
GEORGIANA WATER WORKS & SEWER BOARD	3-Apr-13	Construction
GEORGIANA WATER WORKS & SEWER BOARD	3-Apr-13	Sanitary Survey
GEORGIA-PACIFIC BREWTON LLC WATER SYSTEM	19-Aug-13	Sampling
GEORGIA-PACIFIC BREWTON LLC WATER SYSTEM	19-Feb-13	Sampling
GEORGIA-PACIFIC BREWTON LLC WATER SYSTEM	17-Apr-13	Sanitary Survey
GILBERTOWN (UTILITIES BOARD OF TOWN OF)	29-Apr-13	Sanitary Survey
GLEN ALLEN WATER SYSTEM	29-Mar-13	Operation and Maintenance
GLENCOE WATER WORKS BOARD	17-Jul-13	Sanitary Survey
GLENWOOD WATER WORKS	10-Jun-13	Operation and Maintenance
GOLDEN ROD BROILERS	26-Nov-12	Sanitary Survey
GOODWATER UTILITIES BOARD	12-Apr-13	Operation and Maintenance
GORDO WTR GAS & SEWER BOARD	3-Apr-13	Sanitary Survey
GORDON WATER WORKS	17-May-13	Operation and Maintenance
GOSHEN WATER WORKS	11-Jun-13	Operation and Maintenance
GOVERNMENTAL UTILITY SERVICE CORPORATION	22-Oct-12	Operation and Maintenance
GRAND BAY WATER WORKS BOARD	4-Oct-12	Operation and Maintenance
GRAYSVILLE WATER & SEWER BOARD	13-Jun-13	Operation and Maintenance
GREEN PARK SOUTH MOBILE HOME PARK	18-Jul-13	Sanitary Survey
GREEN POND WATER SYSTEM	17-Dec-12	Operation and Maintenance
GREENE COUNTY STEAM PLANT	2-May-13	Operation and Maintenance
GREENE COUNTY WATER AUTHORITY	25-Oct-12	Sanitary Survey
GREENETRACK, INC	2-May-13	Operation and Maintenance
GREENHILL WATER & FIRE PRO AUTHORITY	4-Mar-13	Sampling
GREENHILL WATER & FIRE PRO AUTHORITY	28-Mar-13	Operation and Maintenance
GREENHILL WATER & FIRE PRO AUTHORITY	4-Sep-13	Sampling
GREENSBORO UTILITIES DEPARTMENT	7-Mar-13	Operation and Maintenance
GREENVILLE WATER WORKS	21-Jun-13	Sanitary Survey
GROVE HILL WATER WORKS	17-Oct-12	Technical assistance
GROVE HILL WATER WORKS	25-Jan-13	Sanitary Survey
GUIN WATER & SEWER BOARD	11-Oct-12	Operation and Maintenance
GULF SHORES (UTILITIES BOARD CITY OF)	30-May-13	Sanitary Survey
GUNTERSVILLE WATER WORKS & SEWER BOARD	23-Jan-13	Sanitary Survey
GURLEY WATER SYSTEM	22-Jul-13	Operation and Maintenance
HACKLEBURG WATER BOARD	7-Aug-13	Operation and Maintenance
HACKNEYVILLE WATER & FIRE PRO AUTHORITY	13-Sep-13	Operation and Maintenance
HALE COUNTY WATER AUTHORITY	7-Mar-13	Operation and Maintenance

System	Inspection Date	Type
HALEYVILLE WATER WORKS & SEWER BOARD	7-Aug-13	Operation and Maintenance
HAMDEN RIDGE WATER AUTHORITY	27-Feb-13	Sanitary Survey
HAMILTON WATER WORKS & SEWER BOARD	12-Oct-12	Operation and Maintenance
HAMILTON WATER WORKS & SEWER BOARD	23-Jan-13	Technical assistance
HANCEVILLE (THE WWSB OF THE CITY OF)	27-Mar-13	Technical assistance
HANCEVILLE (THE WWSB OF THE CITY OF)	29-May-13	Sanitary Survey
HARPERSVILLE WATER SYSTEM	7-Mar-13	Construction
HARPERSVILLE WATER SYSTEM	7-Mar-13	Operation and Maintenance
HARTFORD WATER WORKS	22-Aug-13	Sanitary Survey
HARTSELLE UTILITY BOARD	26-Mar-13	Operation and Maintenance
HARVEST-MONROVIA WATER SYSTEM	1-Aug-13	Construction
HARVEST-MONROVIA WATER SYSTEM	5-Jun-13	Sampling
HARVEST-MONROVIA WATER SYSTEM	4-Sep-13	Sampling
HARVEST-MONROVIA WATER SYSTEM	7-Feb-13	Operation and Maintenance
HARVEST-MONROVIA WATER SYSTEM	4-Dec-12	Sampling
HARVEST-MONROVIA WATER SYSTEM	5-Mar-13	Sampling
HATCHECHUBBEE CREEK PARK	12-Sep-13	Operation and Maintenance
HAWK PRIDE MT WATER SYSTEM	29-Oct-12	Sanitary Survey
HAYDEN WATER WORKS	28-Mar-13	Sanitary Survey
HAYNEVILLE WATER DEPART,EMT	10-Jul-13	Sanitary Survey
HEADLAND WATER WORKS	16-Nov-12	Sanitary Survey
HEATH WATER SYSTEM	3-Dec-12	Sanitary Survey
HEFLIN WATER WORKS	26-Jul-13	Operation and Maintenance
HEFLIN WATER WORKS	6-Mar-13	Sampling
HELENA UTILITY BOARD	25-Apr-13	Sanitary Survey
HENRY COUNTY WATER AUTHORITY	25-Apr-13	Construction
HENRY COUNTY WATER AUTHORITY	15-Nov-12	Operation and Maintenance
HIGH BLUFF AAF	27-Sep-13	Operation and Maintenance
HIGHLAND WATER AUTHORITY	30-May-13	Operation and Maintenance
HILLTOP RV PARK	13-Jun-13	Operation and Maintenance
HOBSON CITY WATER SYSTEM	30-Aug-13	Operation and Maintenance
HOBSON WATER SYSTEM	23-Aug-13	Sanitary Survey
HODGES WATER SYSTEM	28-Mar-13	Sanitary Survey
HOKES BLUFF WATER BOARD	17-Jul-13	Sanitary Survey
HOLLINS WATER AUTHORITY	26-Apr-13	Operation and Maintenance
HOLTVILLE WATER SYSTEM	26-Apr-13	Operation and Maintenance
HOUSTON COUNTY WATER AUTHORITY	12-Jul-13	Operation and Maintenance
HUBBARD LANDING, INC	19-Apr-13	Sanitary Survey
HUGULEY WATER AUTHORITY	17-Sep-13	Operation and Maintenance
HUNTSVILLE UTILITIES	22-Aug-13	Operation and Maintenance
HURTSBORO WATER & SEWER BOARD	23-Apr-13	Operation and Maintenance
HUXFORD WATER & FIRE PROTECTION AUTH	23-Sep-13	Sanitary Survey
I-65 RV CAMPGROUND	4-Sep-13	Operation and Maintenance
INTERNATIONAL PAPER (AUTAUGA CO.)	17-May-13	Operation and Maintenance
INTERNATIONAL PAPER COMPANY (SELMA)	3-May-13	Operation and Maintenance
IRONDALE WATER SYSTEM	5-Feb-13	Sanitary Survey



<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
ISBELL WATER SYSTEM	19-Jun-13	Sanitary Survey
JACK WATER SYSTEM, INC	21-Aug-13	Operation and Maintenance
JACKSON COUNTY WATER AUTHORITY	22-Aug-13	Sanitary Survey
JACKSON WATER WORKS & SEWER BOARD	21-Aug-13	Sanitary Survey
JACKSONS GAP WATER AUTHORITY	23-Oct-12	Sanitary Survey
JACKSONS GAP WATER AUTHORITY	21-Aug-13	Operation and Maintenance
JACKSONVILLE UTILITIES	6-Aug-13	Sanitary Survey
JASPER WATER WORKS AND SEWER BOARD	19-Jun-13	Sanitary Survey
JCG FOODS OF ALABAMA LLC	29-Aug-13	Sanitary Survey
JEMISON WATER WORKS	8-Mar-13	Sanitary Survey
JOHNSONS CROSSING WATER SYSTEM	8-Aug-13	Sanitary Survey
JOPPA, HULACO & RYAN WATER AUTHORITY	24-Oct-12	Sanitary Survey
KANSAS WATER SYSTEM	7-Feb-13	Sanitary Survey
KELLYTON WATER SYSTEM	12-Apr-13	Operation and Maintenance
KENNEDY WATER WORKS BOARD	12-Jun-13	Sampling
KENNEDY WATER WORKS BOARD	17-Jun-13	Sanitary Survey
KINSEY WATER SYSTEM	25-Apr-13	Operation and Maintenance
KINSTON WATER WORKS	10-Jul-13	Operation and Maintenance
KUSHLA WATER DISTRICT	14-May-13	Operation and Maintenance
LAD MARINA & CAMPGROUND	29-Aug-13	Sanitary Survey
LAFAYETTE WATER WORKS	17-Sep-13	Sanitary Survey
LAGRANGE MOUNTAIN WATER AUTHORITY	28-Mar-13	Sanitary Survey
LAKE MITCHELL WATER, INCORPORATED	12-Apr-13	Operation and Maintenance
LAKE THOLOCCO RECREATION AREA - AMERICAN	25-Sep-13	Operation and Maintenance
LAKESIDE MARINA	7-Jun-13	Operation and Maintenance
LAMAR COUNTY WATER & FIRE PRO AUTHORITY	18-Jun-13	Operation and Maintenance
LANETT WATER WORKS	14-Feb-13	Sampling
LANETT WATER WORKS	13-Sep-13	Operation and Maintenance
LEE BRASS FOUNDRY, LLC D/B/A LEE BRASS	30-Aug-13	Sanitary Survey
LEEDS WATER BOARD	5-Feb-13	Operation and Maintenance
LEIGHTON (WSB OF THE TOWN OF)	28-Mar-13	Sanitary Survey
LEMOYNE WATER SYSTEM, INC.	14-May-13	Sanitary Survey
LEROY WATER AUTHORITY	30-Apr-13	Operation and Maintenance
LEVEL PLAINS WATER SYSTEM	14-Dec-12	Operation and Maintenance
LEXINGTON WATER WORKS AND SEWER	28-Mar-13	Sanitary Survey
LIMESTONE COUNTY WATER SYSTEM	6-Feb-13	Sanitary Survey
LINCOLN (CITY OF)	27-Jun-13	Sanitary Survey
LINDEN UTILITIES BOARD	31-Jul-13	Operation and Maintenance
LINEVILLE WATER & SEWER	30-Apr-13	Operation and Maintenance
LITTLE RIVER STATE FOREST	4-Sep-13	Operation and Maintenance
LITTLE WAXIE WATER AUTHORITY	27-Mar-13	Sanitary Survey
LITTLEVILLE WATERWORKS	19-Jun-13	Operation and Maintenance
LIVINGSTON WATER WORKS	24-Apr-13	Operation and Maintenance
LOACHAPOKA WATER AUTHORITY	3-Apr-13	Operation and Maintenance
LOCKHART WATER WORKS	10-Jul-13	Operation and Maintenance
LOGAN LANDING RV RESORT & CAMPGROUND	25-Apr-13	Sanitary Survey

System	Inspection Date	Type
LOUISVILLE WATER WORKS	11-Jul-13	Operation and Maintenance
LOWNDES COUNTY WATER SYSTEM	10-May-13	Other
LOWNDES COUNTY WATER SYSTEM	20-Jun-13	Sanitary Survey
LOWNDESBORO WATER AUTHORITY	20-Jun-13	Sanitary Survey
LOXLEY (TOWN OF)	24-Jan-13	Operation and Maintenance
LUVERNE WATER & SEWER DEPARTMENT	10-Jun-13	Sanitary Survey
LYEFFION WATER AND FIRE PRO AUTHORITY	2-Apr-13	Operation and Maintenance
LYNN WATER WORKS	16-Aug-13	Operation and Maintenance
MACON COUNTY WATER AUTHORITY	18-Apr-13	Sampling
MACON COUNTY WATER AUTHORITY	24-Jan-13	Sampling
MACON COUNTY WATER AUTHORITY	16-Oct-12	Sanitary Survey
MACON COUNTY WATER AUTHORITY	9-Oct-12	Sampling
MACON COUNTY WATER AUTHORITY	15-Jul-13	Sampling
MADISON COUNTY WATER DEPARTMENT	23-Jul-13	Operation and Maintenance
MADISON WATER WORKS & SEWER	5-Feb-13	Operation and Maintenance
MAGNOLIA SPRINGS HEAD START CENTER	6-Sep-13	Operation and Maintenance
MALVERN WATER DEPARTMENT	22-Aug-13	Operation and Maintenance
MAPLESVILLE WATER WORKS	1-Mar-13	Sanitary Survey
MAPLESVILLE WATER WORKS	7-May-13	Construction
MARBURY WATER SYSTEM, INC.	8-May-13	Construction
MARBURY WATER SYSTEM, INC.	28-Mar-13	Operation and Maintenance
MARGARET WATER WORKS	31-May-13	Sanitary Survey
MARION COUNTY PUBLIC WATER AUTHORITY	16-Aug-13	Operation and Maintenance
MARION WATER DEPARTMENT	19-Mar-13	Sampling
MARION WATER DEPARTMENT	7-May-13	Engineer Evaluation
MARION WATER DEPARTMENT	7-May-13	Operation and Maintenance
MCB WATER AUTHORITY, INC.	24-Oct-12	Operation and Maintenance
MCCALL WATER SYSTEM INC	19-Aug-13	Sampling
MCCALL WATER SYSTEM INC	10-Oct-12	Sampling
MCCALL WATER SYSTEM INC	19-Feb-13	Sampling
MCCALL WATER SYSTEM INC	9-Apr-13	Sampling
MCCALL WATER SYSTEM INC	9-Jul-13	Sampling
MCCALL WATER SYSTEM INC	12-Aug-13	Sanitary Survey
MCINTOSH WATER & FIRE PRO AUTHORITY	23-Jan-13	Sanitary Survey
MCKENZIE WATER BOARD	3-Apr-13	Operation and Maintenance
MCVAY WATER SYSTEM	30-May-13	Operation and Maintenance
MEADWESTVACO COATED BOARD, LLC	12-Sep-13	Operation and Maintenance
MENTONE, WATER WKS BOARD OF THE TOWN OF	29-Oct-12	Sanitary Survey
MEXIA WATER SYSTEM, INC.	31-May-13	Operation and Maintenance
MID CLARKE WATER SYSTEM	22-Aug-13	Operation and Maintenance
MID-CENTRAL WATER AUTHORITY	29-Apr-13	Operation and Maintenance
MIDLAND CITY WATER DEPARTMENT	6-Jun-13	Sanitary Survey
MIDWAY WATER WORKS	19-Jun-13	Sanitary Survey
MILLBROOK UTILITIES	26-Apr-13	Sanitary Survey
MILLERS FERRY WATER AUTHORITY, INC.	30-Jul-13	Operation and Maintenance
MILLERVILLE WATER & FIRE PRO AUTHORITY	26-Apr-13	Operation and Maintenance

System	Inspection Date	Type
MILLPORT WATER WORKS	17-Jun-13	Sanitary Survey
MILLRY WATER WORKS	13-May-13	Operation and Maintenance
MITCHELL WATER SYSTEM INC	7-Dec-12	Operation and Maintenance
MOBILE BOARD OF WATER AND SEWER COMM.	22-Aug-13	Operation and Maintenance
MOBILE COUNTY WATER & FIRE PRO AUTHORITY	8-Feb-13	Operation and Maintenance
MONROEVILLE (WATER WORKS BD. OF CITY OF)	16-Apr-13	Sanitary Survey
MONTEVALLO WATER WORKS & SEWER	24-Apr-13	Sanitary Survey
MONTGOMERY CAMPGROUND LLC	6-Aug-13	Sampling
MONTGOMERY CAMPGROUND LLC	2-Jul-13	Operation and Maintenance
MONTGOMERY WATER WORKS	17-Jul-13	Sanitary Survey
MOSES WATER & FIRE PRO AUTHORITY	20-Jun-13	Sanitary Survey
MOULTON WATER WORKS BOARD	2-Apr-13	Operation and Maintenance
MOUNDVILLE WATER WORKS	7-Mar-13	Operation and Maintenance
MT ANDREW WATER AUTHORITY	5-Jul-13	Sanitary Survey
MT. VERNON (TOWN OF)	4-Oct-12	Sanitary Survey
MULGA WATER WORKS AND GAS DEPARTMENT	11-Jun-13	Operation and Maintenance
MUNFORD WATER AUTHORITY, INC.	12-Jun-13	Sanitary Survey
MUSCLE SHOALS UTILITY BOARD	29-Jul-13	Operation and Maintenance
MYRTLEWOOD WATER SYSTEM	15-Jul-13	Operation and Maintenance
NAPIER FIELD WATER SYSTEM	14-Dec-12	Operation and Maintenance
NATCHEZ TRACE PARKWAY	27-Jun-13	Operation and Maintenance
NATURAL BRIDGE PARK WATER SYSTEM	26-Jun-13	Sanitary Survey
NAUVOO WATER WORKS	7-Feb-13	Operation and Maintenance
NE MORGAN CO WATER AND SEWER AUTHORITY	26-Mar-13	Operation and Maintenance
NECTAR WATER SYSTEM	29-May-13	Sanitary Survey
NEW BROCKTON WATER DEPARTMENT	26-Mar-13	Operation and Maintenance
NEW HOPE WATER SYSTEM	29-May-13	Operation and Maintenance
NEW LONDON WATER & FIRE PRO AUTHORITY	5-Mar-13	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	25-Jul-13	Sampling
NEW LONDON WATER & FIRE PRO AUTHORITY	18-Sep-13	Sanitary Survey
NEW SITE WATER SYSTEM	19-Aug-13	Operation and Maintenance
NEWTON WATER WORKS BOARD	29-Mar-13	Sanitary Survey
NEWVILLE WATER SYSTEM	11-Jul-13	Operation and Maintenance
NORTH BALDWIN UTILITIES	3-Oct-12	Sanitary Survey
NORTH CHOCTAW WATER & SEWER AUTHORITY	25-Apr-13	Sanitary Survey
NORTH CLARKE WATER AUTHORITY	22-Aug-13	Operation and Maintenance
NORTH DALLAS WATER AUTHORITY	1-Aug-13	Sanitary Survey
NORTH GENEVA COUNTY WATER AUTHORITY	29-Mar-13	Operation and Maintenance
NORTH MARSHALL UTILITIES	30-May-13	Sanitary Survey
NORTHEAST ALABAMA WATER SYSTEM	31-May-13	Operation and Maintenance
NORTHEAST ALABAMA WATER SYSTEM	1-Jul-13	Operation and Maintenance
NORTHEAST ETOWAH COUNTY WATER CO-OP	31-May-13	Operation and Maintenance
NORTHPORT WATER WORKS	24-Jan-13	Sanitary Survey
NORTHWEST ST CLAIR WATER SYSTEM	29-Aug-13	Sanitary Survey
NOTASULGA WATER SYSTEM	15-May-13	Operation and Maintenance
OAKMAN WATER WORKS	6-Dec-12	Operation and Maintenance

<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
OASIS TRAVEL CENTER	13-Jun-13	Operation and Maintenance
ODENVILLE (UTIL BOARD OF THE TOWN OF)	2-Jul-13	Sanitary Survey
OHATCHEE WATER SYSTEM	30-Aug-13	Operation and Maintenance
OLD CAHAWBA PRESERVATION PROJECT	3-May-13	Sanitary Survey
OLD LINE WATER SYSTEM	14-May-13	Sanitary Survey
OLD SUGGSVILLE WATER AND FPA	29-May-13	Operation and Maintenance
ONEONTA UTILITIES BOARD	12-Apr-13	Operation and Maintenance
OPELIKA UTILITIES	7-May-13	Operation and Maintenance
OPP UTILITIES BOARD	15-May-13	Operation and Maintenance
ORANGE BEACH WATER, SEWER AND F.P.A.	30-May-13	Operation and Maintenance
ORRVILLE WATER DEPARTMENT (TOWN OF)	10-Jul-13	Sanitary Survey
OWASSA-BROWNSVILLE WATER AUTHORITY	27-Feb-13	Sanitary Survey
OWASSA-BROWNSVILLE WATER AUTHORITY	8-Apr-13	Sampling
OWASSA-BROWNSVILLE WATER AUTHORITY	19-Aug-13	Sampling
OWENS CROSSROADS WATER AUTHORITY	22-Jul-13	Operation and Maintenance
OXFORD WATER WORKS & SEWER BOARD	19-Sep-13	Operation and Maintenance
OZARK UTILITIES BOARD	30-Apr-13	Sampling
OZARK UTILITIES BOARD	7-Aug-13	Sampling
OZARK UTILITIES BOARD	27-Feb-13	Sampling
OZARK UTILITIES BOARD	20-Nov-12	Sampling
OZARK UTILITIES BOARD	23-Aug-13	Operation and Maintenance
PARK CITY WATER AUTHORITY, INC	22-May-13	Operation and Maintenance
PARKER CREEK WATER COMPANY	6-Mar-13	Sanitary Survey
PARRISH WATER WORKS BOARD	6-Dec-12	Operation and Maintenance
PEACH QUEEN KOA CAMPGROUNDS WATER SYSTEM	5-Dec-12	Operation and Maintenance
PELHAM WATER WORKS	25-Apr-13	Sanitary Survey
PELL CITY WATER WORKS	18-Sep-13	Sanitary Survey
PENNINGTON (UTILITIES BOARD OF)	13-May-13	Sanitary Survey
PERDIDO BAY WATER, SEWER & FPA	29-May-13	Operation and Maintenance
PERRY COUNTY WATER AUTHORITY	11-Jul-13	Sanitary Survey
PETERSON WATER SYSTEM	7-Dec-12	Operation and Maintenance
PHENIX CITY UTILITIES	12-Sep-13	Operation and Maintenance
PHIL CAMPBELL WATER WORKS	20-Jun-13	Operation and Maintenance
PICKENS COUNTY WATER & F. P. AUTHORITY	4-Apr-13	Operation and Maintenance
PIEDMONT UTILITIES BOARD	26-Mar-13	Sanitary Survey
PIKE COUNTY WATER AUTHORITY	23-Apr-13	Operation and Maintenance
PILGRIM-PROVIDENCE WATER AUTHORITY	9-Jul-13	Sanitary Survey
PILGRIMS PRIDE CORP. OF DELAWARE	16-Sep-13	Operation and Maintenance
PINCKARD WATER DEPARTMENT	29-Mar-13	Sanitary Survey
PINE APPLE WATER WORKS	7-Aug-13	Sanitary Survey
PINE APPLE WATER WORKS	30-Jul-13	Site Inspection
PINE BLUFF WATER AUTHORITY	28-Mar-13	Operation and Maintenance
PINE HILL WATER DEPARTMENT	23-Aug-13	Operation and Maintenance
PINE LEVEL WATER AUTHORITY	1-Jul-13	Sanitary Survey
PINEDALE SHORES WSFPA	28-Aug-13	Sanitary Survey
PINTLALA WATER SYSTEM, INC.	9-Jul-13	Operation and Maintenance

System	Inspection Date	Type
PISGAH WATER WORKS	24-Jul-13	Operation and Maintenance
PLURIS ALABAMA LLC	28-Mar-13	Operation and Maintenance
POLLARD WATER SYSTEM	12-Aug-13	Operation and Maintenance
PONDEROSA BIBLE CAMP	29-Aug-13	Sanitary Survey
PRATTVILLE (WATER WORKS BOARD OF)	12-Jun-13	Other
PRATTVILLE (WATER WORKS BOARD OF)	18-Jul-13	Sanitary Survey
PRATTVILLE (WATER WORKS BOARD OF)	5-Mar-13	Other
PRICHARD WATER WORKS BOARD	25-Sep-13	Operation and Maintenance
PROVIDENCE WATER AUTHORITY	6-Dec-12	Operation and Maintenance
QUINT-MAR WATER AUTHORITY	8-Feb-13	Sanitary Survey
QUINT-MAR WATER AUTHORITY	28-Feb-13	Sampling
QUINT-MAR WATER AUTHORITY	29-Apr-13	Sampling
QUINT-MAR WATER AUTHORITY	8-Jul-13	Sampling
QUINT-MAR WATER AUTHORITY	21-Aug-13	Sampling
QUINT-MAR WATER AUTHORITY	5-Sep-13	Sampling
RAGLAND (THE WW BOARD OF THE TOWN OF)	9-Jul-13	Sanitary Survey
RAINBOW CITY UTILITIES BOARD	23-Oct-12	Operation and Maintenance
RAMER WATER COMPANY, INC.	9-Jul-13	Sanitary Survey
RANBURNE WATER & SEWER DEPARTMENT	29-Aug-13	Sanitary Survey
RANDOLPH COUNTY WATER & SEWER AUTHORITY	7-Jun-13	Sanitary Survey
RANDOLPH WATER SYSTEM	1-Mar-13	Sanitary Survey
RANGE CONTROL	25-Sep-13	Operation and Maintenance
RAY COMMUNITY WATER & FIRE PRO AUTHORITY	6-Mar-13	Sanitary Survey
RED BAY WATER & GAS BOARD	3-Apr-13	Operation and Maintenance
RED LEVEL WATER WORKS	3-Dec-12	Operation and Maintenance
REDS CATFISH CABIN, INC.	6-Jun-13	Sanitary Survey
REECE CITY WATER SYSTEM	15-Jul-13	Operation and Maintenance
REFORM WATER & SEWER BOARD	3-Apr-13	Sanitary Survey
REMLAP-PINE MTN WATER AUTHORITY	28-Mar-13	Sanitary Survey
REPTON WATER WORKS	27-Feb-13	Sanitary Survey
RIDGE ROAD WATER AUTHORITY	23-Sep-13	Operation and Maintenance
RIVER FALLS WATER SYSTEM	26-Nov-12	Operation and Maintenance
RIVERSIDE (TOWN OF)	1-Jul-13	Sanitary Survey
RIVERVIEW WATER WORKS	9-May-13	Sanitary Survey
ROANOKE (THE UTIL. BD. OF THE CITY OF)	8-Feb-13	Operation and Maintenance
ROBERTSDALE (CITY OF)	23-May-13	Operation and Maintenance
ROCKFORD WATER WORKS	6-Mar-13	Sanitary Survey
ROCK-N-CHAIR TRUCK STOP	2-May-13	Sanitary Survey
ROCKWOOD WATER AUTHORITY	19-Jun-13	Sanitary Survey
ROGERSVILLE WATER BOARD	27-Mar-13	Sanitary Survey
RUSSELL COUNTY WATER AUTHORITY	31-May-13	Operation and Maintenance
RUSSELLVILLE WATER WORKS	5-Jun-13	Sampling
RUSSELLVILLE WATER WORKS	5-Jun-13	Sanitary Survey
RUSSELLVILLE WATER WORKS	4-Mar-13	Sampling
RUTLEDGE WATER WORKS	10-Jun-13	Sanitary Survey
SAMSON WATER WORKS	15-May-13	Operation and Maintenance

System	Inspection Date	Type
SANFORD WATER SYSTEM	21-Aug-13	Operation and Maintenance
SARALAND WATER SERVICE	6-Feb-13	Sanitary Survey
SARDIS CITY WATER BOARD	30-May-13	Operation and Maintenance
SATSUMA WATER WORKS	6-Feb-13	Sanitary Survey
SCOTTSBORO WATER WORKS	17-Jul-13	Operation and Maintenance
SECTION-DUTTON WATER SYSTEM	16-Jul-13	Sanitary Survey
SELLERS STATION WATER SYSTEM	13-Jun-13	Operation and Maintenance
SELMA WATER WORKS & SEWER BOARD	10-Jul-13	Sanitary Survey
SHEFFIELD UTILITIES DEPARTMENT	30-Oct-12	Sanitary Survey
SHELBY COUNTY WATER SYSTEM	6-Nov-12	Sanitary Survey
SILVERHILL WATER SYSTEM (TOWN OF)	23-Oct-12	Operation and Maintenance
SLOCOMB WATER WORKS AND SEWER BOARD	17-May-13	Sanitary Survey
SMITHS WATER AND SEWER AUTHORITY	8-Mar-13	Operation and Maintenance
SMITHS WATER AND SEWER AUTHORITY	10-Sep-13	Technical assistance
SNEAD WATER WORKS	30-May-13	Sanitary Survey
SNOWDOUN WATER SYSTEM INC	27-Jun-13	Sanitary Survey
SOLODIXON FORESTRY EDUCATION CENTER	27-Sep-13	Operation and Maintenance
SOUTH ALABAMA UTILITIES WATER SYSTEM	7-Feb-13	Operation and Maintenance
SOUTH BULLOCK COUNTY WATER AUTHORITY	19-Jun-13	Sanitary Survey
SOUTH CRENSHAW COUNTY WATER AUTHORITY	10-Jun-13	Operation and Maintenance
SOUTH DALLAS WATER AUTHORITY	6-May-13	Operation and Maintenance
SOUTH DALLAS WATER AUTHORITY	6-May-13	Sampling
SOUTH DALLAS WATER AUTHORITY	22-May-13	Sampling
SOUTH GATE MOBILE HOME PARK	18-Jul-13	Sanitary Survey
SOUTH MARENGO WATER & FIRE PRO AUTHORITY	1-May-13	Sanitary Survey
SOUTHPORT CAMPGROUNDS	5-Sep-13	Operation and Maintenance
SOUTHSIDE WATER WORKS	16-Jul-13	Sanitary Survey
SOUTHWEST ALABAMA WATER AUTHORITY	21-Aug-13	Sampling
SOUTHWEST ALABAMA WATER AUTHORITY	15-Apr-13	Sanitary Survey
SOUTHWEST ALABAMA WATER AUTHORITY	8-Apr-13	Sampling
SPANISH FORT WATER SYSTEM	11-Oct-12	Sampling
SPANISH FORT WATER SYSTEM	20-Feb-13	Sampling
SPANISH FORT WATER SYSTEM	9-Apr-13	Sampling
SPANISH FORT WATER SYSTEM	22-May-13	Sanitary Survey
SPANISH FORT WATER SYSTEM	9-Jul-13	Sampling
SPANISH FORT WATER SYSTEM	20-Aug-13	Sampling
SPEEDYS CATFISH AND BARBECUE	6-Jun-13	Sanitary Survey
SPRING VALLEY WATER AUTHORITY	19-Jun-13	Sanitary Survey
SPRINGVILLE WATER WORKS	16-Jul-13	Sanitary Survey
ST STEPHENS WATER SYSTEM	20-Aug-13	Sampling
ST STEPHENS WATER SYSTEM	30-Apr-13	Operation and Maintenance
ST STEPHENS WATER SYSTEM	20-Feb-13	Sampling
ST STEPHENS WATER SYSTEM	8-Apr-13	Sampling
ST. ELMO-IRVINGTON WATER AUTHORITY	5-Oct-12	Sanitary Survey
STAR-MINDINGALL WATER AUTHORITY	12-Jun-13	Sanitary Survey
STEELE WATER WORKS BOARD	28-Aug-13	Sanitary Survey

System	Inspection Date	Type
STERRETT-VANDIVER WATER SYSTEM	18-Jul-13	Sanitary Survey
STEVENSON (UTIL. BOARD OF THE TOWN OF)	24-Jul-13	Operation and Maintenance
STEWARTVILLE WATER AUTHORITY	6-Mar-13	Operation and Maintenance
STYX RIVER RESORT WATER SYSTEM	13-Jun-13	Operation and Maintenance
SULLIGENT (CITY OF)	17-Jun-13	Sanitary Survey
SUMITON WATER WORKS BOARD	12-Oct-12	Sanitary Survey
SUMMERDALE WATER WORKS	11-Oct-12	Sampling
SUMMERDALE WATER WORKS	19-Feb-13	Sampling
SUMMERDALE WATER WORKS	9-Apr-13	Sampling
SUMMERDALE WATER WORKS	23-May-13	Sanitary Survey
SUMMERDALE WATER WORKS	20-Aug-13	Sampling
SUMTER COUNTY WATER AUTHORITY	24-Apr-13	Operation and Maintenance
SWAN CREEK COMMUNITY	27-Mar-13	Operation and Maintenance
SWEARENGIN WATER SYSTEM	28-May-13	Operation and Maintenance
SWEETWATER WATER & SEWER BOARD	31-Jul-13	Sanitary Survey
SYCAMORE WATER AND SEWER AUTHORITY	12-Jun-13	Sanitary Survey
SYLACAUGA UTILITIES BOARD	9-May-13	Operation and Maintenance
TAC-X AAF	27-Sep-13	Operation and Maintenance
TALLADEGA COUNTY WATER SYSTEM	30-Apr-13	Operation and Maintenance
TALLADEGA WATER AND SEWER BOARD, CITY OF	8-May-13	Operation and Maintenance
TALLADEGA-SHELBY WATER TREATMENT PLANT	9-May-13	Other
TALLADEGA-SHELBY WATER TREATMENT PLANT	23-May-13	Operation and Maintenance
TALLASSEE WATER WORKS	14-Aug-13	Operation and Maintenance
TATE & LYLE SUCRALOSE, INC. WATER SYSTEM	18-Apr-13	Sanitary Survey
TAYLOR WATER SYSTEM	11-Jul-13	Sanitary Survey
THOMASTON WATER WORKS & GAS BOARD	7-Aug-13	Sanitary Survey
THOMASVILLE WATER WORKS & SEWER BOARD	30-May-13	Operation and Maintenance
THORSBY WATER WORKS BOARD	8-Mar-13	Other
THORSBY WATER WORKS BOARD	8-Mar-13	Sanitary Survey
TIBBIE WATER & FIRE PROTECTION AUTHORITY	21-Aug-13	Operation and Maintenance
TILLISON BEND WATER AUTHORITY	23-Oct-12	Sanitary Survey
TOTH FIELD	27-Sep-13	Operation and Maintenance
TOWN CREEK WATER SYSTEM	19-Jun-13	Operation and Maintenance
TOWNLEY WATER AUTHORITY	7-Feb-13	Operation and Maintenance
TRAINING AREA-15	25-Sep-13	Operation and Maintenance
TRAV-L-KAMP	19-Apr-13	Sanitary Survey
TRI COMMUNITY WATER SYSTEM	26-Apr-13	Sanitary Survey
TRIANA WATER WORKS	29-May-13	Operation and Maintenance
TRINITY WATER WORKS SYSTEM	26-Mar-13	Sanitary Survey
TROY UTILITIES (CITY OF)	5-Apr-13	Construction
TROY UTILITIES (CITY OF)	5-Apr-13	Sanitary Survey
TRUSSVILLE UTILITIES	28-May-13	Sanitary Survey
TURNERVILLE WATER & FIRE PRO DISTRICT	24-Oct-12	Operation and Maintenance
TUSCALOOSA WATER & SEWER	17-Jun-13	Operation and Maintenance
TUSCUMBIA WATER WORKS	4-Jun-13	Operation and Maintenance
TUSKEGEE UTILITIES BOARD	31-Jan-13	Operation and Maintenance

System	Inspection Date	Type
TWIN WATER AUTHORITY	19-Jun-13	Sanitary Survey
TYSON, INC. (BLOUNT CO.)	5-Mar-13	Sampling
TYSON, INC. (BLOUNT CO.)	3-Sep-13	Sampling
TYSON, INC. (BLOUNT CO.)	4-Jun-13	Sampling
TYSON, INC. (BLOUNT CO.)	29-Aug-13	Sanitary Survey
U.S. AMINES LLC- CELANESE CHEMICALS	18-Apr-13	Sanitary Survey
UNION GROVE UTILITY BOARD	28-May-13	Operation and Maintenance
UNION SPRINGS UTIL BOARD	19-Jun-13	Sanitary Survey
UNIONTOWN UTILITIES BOARD	31-Jul-13	Sanitary Survey
UPPER BEAR CREEK WATER AUTHORITY	10-Oct-12	Operation and Maintenance
URIAH WATER SYSTEM INC.	16-Apr-13	Sanitary Survey
US ARMY AVIATION & MISSILE COMMAND	21-Aug-13	Sanitary Survey
V.A.W. WATER SYSTEM, INC	24-Oct-12	Operation and Maintenance
V.A.W. WATER SYSTEM, INC	13-May-13	Technical assistance
V.A.W. WATER SYSTEM, INC	27-Mar-13	Technical assistance
V.A.W. WATER SYSTEM, INC	25-Feb-13	Technical assistance
V.A.W. WATER SYSTEM, INC	7-Mar-13	Technical assistance
VALLEY HEAD WATER WORKS BOARD	15-Jul-13	Operation and Maintenance
VERNON WATER WORKS	17-Jun-13	Sanitary Survey
VINA WATER WORKS BOARD	20-Jun-13	Sanitary Survey
VINCENT WATER WORKS BOARD	7-Mar-13	Operation and Maintenance
WADLEY UTILITIES BOARD	7-Jun-13	Operation and Maintenance
WAGARVILLE WATER SYSTEM	8-Jul-13	Sampling
WAGARVILLE WATER SYSTEM	30-May-13	Operation and Maintenance
WALDO WATER SYSTEM	26-Apr-13	Operation and Maintenance
WALL STREET WATER AUTHORITY	22-Aug-13	Operation and Maintenance
WALNUT GROVE (TOWN OF)	31-May-13	Sanitary Survey
WALNUT HILL WATER AUTHORITY	21-Aug-13	Operation and Maintenance
WALTER WATER AUTHORITY	24-Oct-12	Sanitary Survey
WARRIOR RIVER WATER AUTHORITY	16-Jul-13	Sanitary Survey
WASHINGTON COUNTY WATER AUTHORITY	1-May-13	Sanitary Survey
WATER WORKS, INC.	19-Sep-13	Sanitary Survey
WATTSVILLE WATER AUTHORITY	3-Jul-13	Sanitary Survey
WAYNE FARMS LLC	16-Sep-13	Operation and Maintenance
WEAVER WATER SYSTEM	7-Aug-13	Operation and Maintenance
WEBB WATER SYSTEM	16-Nov-12	Sanitary Survey
WEDOWEE WATER, SEWER, & GAS BOARD	10-Sep-13	Sanitary Survey
WEDOWEE WATER, SEWER, & GAS BOARD	30-Apr-13	Other
WEST AUTAUGA WATER AUTHORITY	9-May-13	Sanitary Survey
WEST BANK DAMSITE/W F GEORGE LAKE	12-Sep-13	Operation and Maintenance
WEST BARBOUR COUNTY WATER AUTHORITY	6-Jun-13	Operation and Maintenance
WEST BLOCTON WATER WORKS	4-Apr-13	Sanitary Survey
WEST DALLAS CO WATER AUTHORITY	8-Jul-13	Operation and Maintenance
WEST ESCAMBIA UTILITIES INC.	28-Feb-13	Operation and Maintenance
WEST ETOWAH WATER & FIRE PRO AUTHORITY	4-Jun-13	Sampling
WEST ETOWAH WATER & FIRE PRO AUTHORITY	16-Jul-13	Sanitary Survey



<b>System</b>	<b>Inspection Date</b>	<b>Type</b>
WEST ETOWAH WATER & FIRE PRO AUTHORITY	3-Sep-13	Sampling
WEST ETOWAH WATER & FIRE PRO AUTHORITY	5-Mar-13	Sampling
WEST JEFFERSON WATER WORKS (TOWN OF)	12-Jun-13	Operation and Maintenance
WEST LAUDERDALE CO WATER & FPA	18-Jun-13	Sanitary Survey
WEST LAWRENCE WATER CO-OP	19-Jun-13	Operation and Maintenance
WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	25-Feb-13	Other
WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	31-Jul-13	Sanitary Survey
WETUMPKA WATER WORKS & SEWER BOARD	28-Aug-13	Operation and Maintenance
WHITE HALL WATER SYSTEM	10-Jul-13	Sanitary Survey
WHITE HOUSE WATER SYSTEM, INC.	22-May-13	Sanitary Survey
WHITES COMMERCIAL PARK	5-Sep-13	Operation and Maintenance
WHORTON BEND WATER & FIRE PRO AUTHORITY	31-May-13	Sanitary Survey
WILCOX COUNTY WATER SYSTEM	16-Jul-13	Sanitary Survey
WILDERNESS RV PARK	13-Jun-13	Operation and Maintenance
WILLS CROSS ROADS WATER SYSTEM	6-Jun-13	Sanitary Survey
WILSONVILLE WATER WORKS	26-Mar-13	Sanitary Survey
WILTON WATER WORKS	8-Mar-13	Sanitary Survey
WINFIELD WATER WORKS & SEWER BOARD	11-Oct-12	Operation and Maintenance
WINFIELD WATER WORKS & SEWER BOARD	18-Jun-13	Technical assistance
WISE ALLOYS LLC WATER SYSTEM	4-Apr-13	Operation and Maintenance
WOLF CREEK WATER AUTHORITY	23-Oct-12	Sanitary Survey
WOODLAND WATER BOARD	15-Feb-13	Sanitary Survey
YORK WATER SYSTEM/CITY OF YORK	24-Apr-13	Operation and Maintenance

## **APPENDIX B**

*Certified Chemical and Radiological Laboratories*

<i>Laboratory</i>	<i>State</i>
Alabama Department of Environmental Management	Alabama
Alabama Power	Alabama
Analytical Industrial Research Laboratory	Tennessee
Birmingham Water Works Board	Alabama
CMSI Chemical Laboratory	Alabama
Eastern Analytical	New Hampshire
Eberline Services – Oak Ridge Laboratory	Tennessee
EMSL Analytical, Inc	New Jersey
ENERSOLV Corporation	Alabama
Envirochem	Alabama
Environmental Science Corporation	Tennessee
Environmental Testing and Consulting	Tennessee
Environmental Resource Analysts	Alabama
Eurofins Eaton Analytical	California
Florida Radiochemistry	Florida
Guardian Systems	Alabama
KNL Laboratory Services	Florida
Marshall Space Flight Center	Alabama
Mobile Field Office – ADEM	Alabama
Montgomery Industrial Waste Laboratory	Alabama
National Testing Laboratories	Michigan
Pace Analytical Services, Inc.	Minnesota
Pace Analytical Services - Florida	Florida
Pace Analytical Services – Pittsburgh	Pennsylvania
Southern Analytical Services	Florida
Southern Environmental Testing	Alabama
Stillbrook Environmental Testing lab	Alabama
Summit Environmental Lab	Ohio
Sutherland Environmental Testing Laboratory	Alabama
Technical Micronics Control	Alabama
TestAmerica Chicago	Illinois
TestAmerica Denver	Colorado
TestAmerica Mobile	Alabama
TestAmerica Nashville	Tennessee
TestAmerica Pensacola	Florida
TestAmerica Savannah	Georgia
TestAmerica Tampa	Florida
TTL, Inc.	Alabama
Underwriters Laboratories	Indiana
Vista Analytical Services	California

## **APPENDIX C**

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

<i>Laboratory ID</i>	<i>Laboratory</i>	<i>Type</i>
30140	Albertville City Laboratory	Municipal
30080	Alexander City Laboratory	Municipal
30160	Anniston Water Works Laboratory	Municipal
30210	Bessemer Utilities Laboratory	Municipal
10020	Birmingham Branch Laboratory	Health Department
30270	Bridgeport Water Treatment Plant Laboratory	Municipal
30070	Chattahoochee Valley	Municipal
30320	Columbus Water Quality Laboratory	Municipal
41190	D.C.I. Laboratories	Commercial
40160	ENERSOLV	Commercial
40320	Envirochem	Commercial
41080	Environmental Resource Analysts	Commercial
40320	Environmental Technical Services Northport	Commercial
30240	Five Star Filter Plant Bacteriological Laboratory	Municipal
30090	Fort Payne Laboratory	Municipal
30030	Gadsden Water Works Laboratory	Municipal
40050	Guardian Systems	Commercial
30300	Houston County Regional Lab	Municipal
20060	Huntsville Utilities Laboratory	Municipal
30250	Limestone County Bacteriological Laboratory	Municipal
30280	Lincoln Waste Water Treatment Plant Laboratory	Municipal
30310	Madison County Water Laboratory	Municipal
10060	Mobile Branch Laboratory	Health Department
30040	Mobile Water Service Laboratory	Municipal
10070	Montgomery Branch Laboratory	Health Department
30220	Montgomery Industrial Waste Laboratory	Municipal
30050	Montgomery Water Works Laboratory	Municipal
30330	Northeast Alabama Water District Testing Laboratory	Municipal
30170	Opelika Water Works Laboratory	Municipal
30230	Pell City Water Laboratory	Municipal
30060	Phenix City Water Works Laboratory	Municipal
30320	Smiths Water Laboratory	Municipal
40570	Southern Environmental Testing	Commercial
40030	TestAmerica Mobile	Commercial
41460	TTL Laboratory	Commercial
40170	TTL Montgomery	Commercial
30130	Tuscaloosa Water Dept Laboratory	Municipal
40380	Wallace State Community College	Educational