

STATE OF ALABAMA
PUBLIC DRINKING
WATER ANNUAL
COMPLIANCE REPORT
AND SUMMARY FOR 2022



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Overview of the National Public Drinking Water Program

The US Environmental Protection Agency (EPA) established the Public Water System Supervision (PWSS) Program under the authority of the 1974 Safe Drinking Water Act (SDWA). Under the SDWA and its 1986 and 1996 Amendments, EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. The Agency also regulates how often public water systems (PWSs) monitor their water for contaminants and report the monitoring results to the states or EPA. Generally, the larger the population served by a water system, the more frequent the monitoring and reporting (M/R) requirements. In addition, EPA requires PWSs to monitor for unregulated contaminants to provide data for future regulatory development. Finally, EPA requires PWSs to notify their customers when they have violated these regulations.

The SDWA applies to the 50 states, the District of Columbia, Indian Lands, Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands.

The SDWA allows states, tribes, and territories to seek EPA approval to administer their own PWSS Programs. The authority to run a PWSS Program is called ‘primacy’. For a state to receive primacy, EPA must determine that the state meets certain requirements laid out in the SDWA and the federal regulations, including the adoption of drinking water regulations that are at least as stringent as the federal regulations and a demonstration that they can enforce the program requirements. Of the 56 states and territories, all but Wyoming and the District of Columbia have primacy. EPA regional offices administer the PWSS programs within these two jurisdictions.

The 1986 SDWA Amendments gave Indian tribes the right to apply for and receive primacy. EPA currently administers PWSS programs on all Indian lands except the Navajo Nation, which was granted primacy in late 2000.

The 1996 Amendments to the SDWA require consumer notification to include a clear and understandable explanation of the nature of the violation, its potential adverse health effects, steps that the PWS is undertaking to correct the violation and the possibility of alternative water supplies during the violation.

Public Water Systems in Alabama

This Annual Compliance Report is a snapshot of the status of compliance in the state of Alabama during calendar year 2022. In 2022, there were 571 PWSs that provided drinking water to Alabama residents. There were 505 active community water systems (CWSs), 23 non-transient non-community (NTNCs) and 43 transient non-community (TNCs). See the table below for specific inventories by population and type.

Figures 1 & 2: PWS by Type & Size

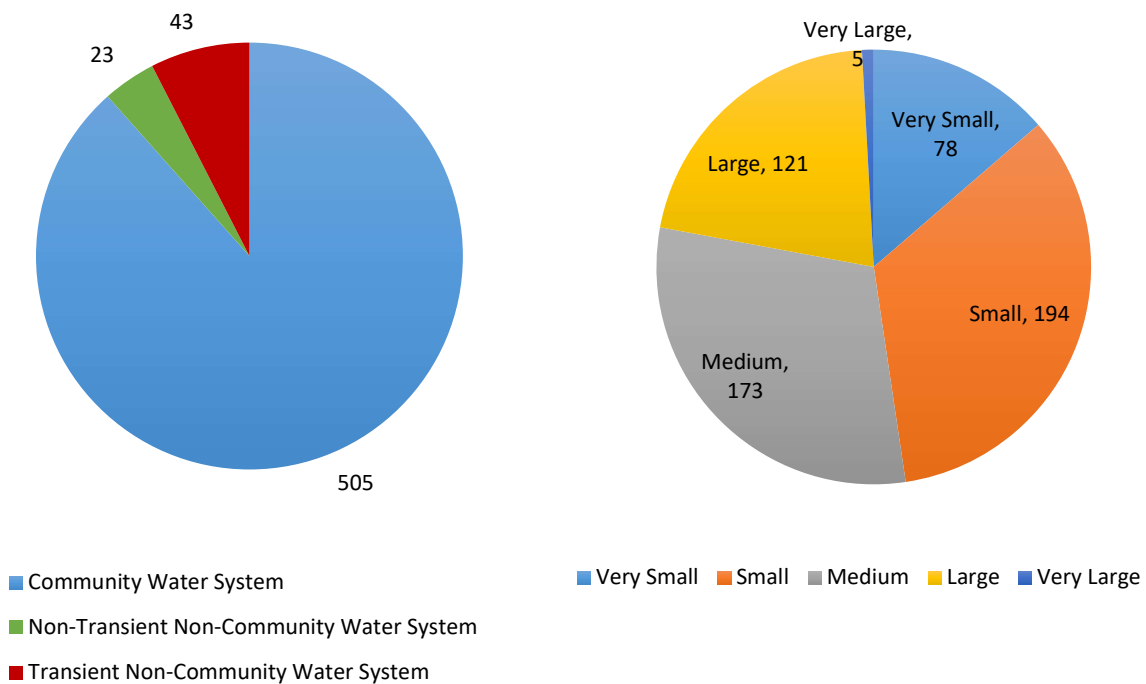


Table 1: Number of PWSs by Population and Type

Population Served	CWSs	NTNCs	TNCs	Total Number of Systems
Less than 501	28	9	41	78
Between 501 and 3,300	178	14	2	194
Between 3,301 and 10,000	173	0	0	173
Between 10,001 and 100,000	121	0	0	121
Greater than 100,000	5	0	0	5
Total	505	23	43	571

Number of PWSs and Population Served

The 571 PWSs distributed water to approximately 1.9 million service connections. There were 1,061 groundwater wells and 101 surface water intakes that provided water to the public water systems.

Water System Violations and Compliance

During 2022, 39.9% of the PWSs were in violation of a rule or regulation at some point during the year and the remaining 60.1% of PWSs were in compliance. The increase of violations from the previous year can be largely attributed to reporting violations resulting from two particular laboratories failing to upload results in a timely manner. The Department does not expect this reporting error to persist.

Figure 3 below shows the percentage of public water systems with at least one violation versus the systems with no violations. Figure 4 shows a comparison of the number of PWSs with violations over the previous five years.

Figure 3: PWS Violation Status

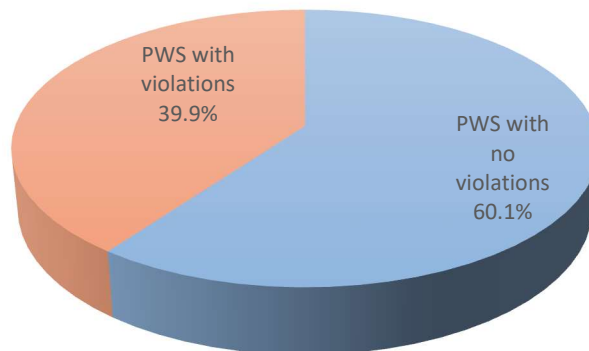


Figure 4: Number of PWS with Any Violation, CY2018-CY2022

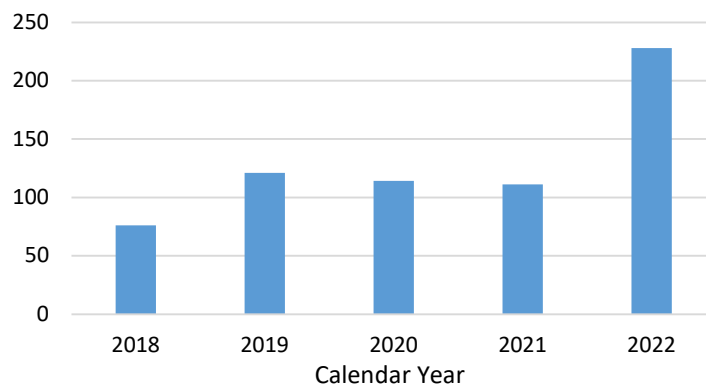


Figure 5 categorizes PWSs by the type of system and seriousness of violation. Priority systems are those systems with an aggregate Enforcement Tracking Tool (ETT) score greater than 10 points at any point during the calendar year. As shown in Figure 5, there were ten priority systems.

In 2022, 3.5% of violations were health-based violations for disinfection byproducts (DBP) Maximum Contaminant Levels (MCLs), E.coli MCLs, and combined radium (-226 &-228) MCLs. Figure 4 shows a comparison of the number of PWSs with health-based violations in the state over the past five years and the national averages.

Figure 5: PWS Compliance by Severity

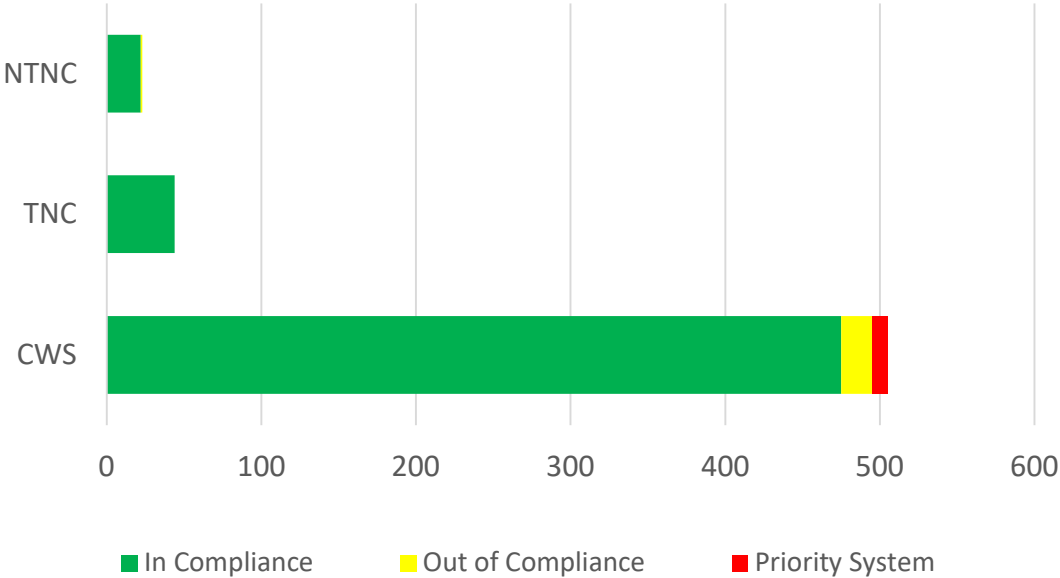
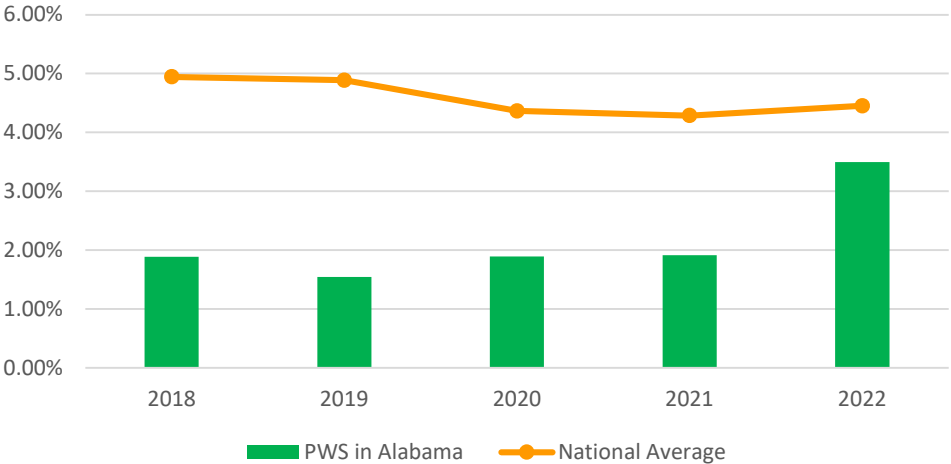
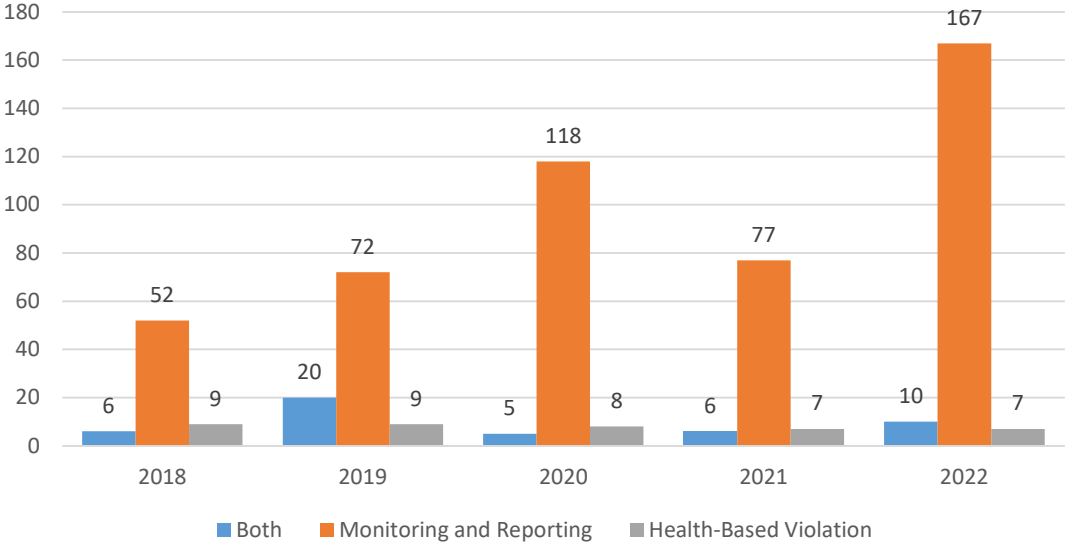


Figure 6: PWS with Health-based Violations



During 2022, there were 167 PWSs that received monitoring and reporting violations. Figure 5 shows a comparison of PWSs that received monitoring and reporting violations, health-based violations, or both over the previous 5 years. During that period, monitoring and reporting violations have significantly outnumbered health-based violations.

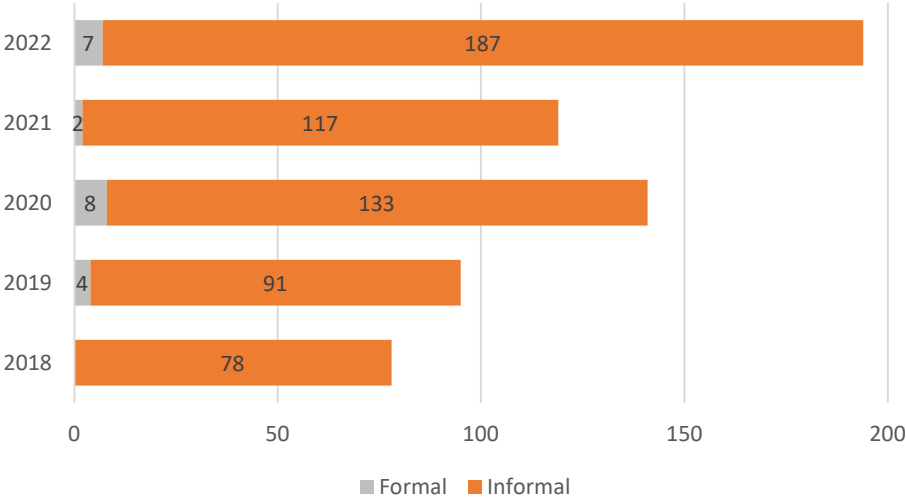
Figure 7: PWS with M&R Violations, Health-based Violations, or Both



In Alabama, the majority of enforcement responses were informal, which included reminder letters, warning letters and State Notices of Violations (NOVs). Formal enforcement response includes consent and administrative orders with or without penalties.

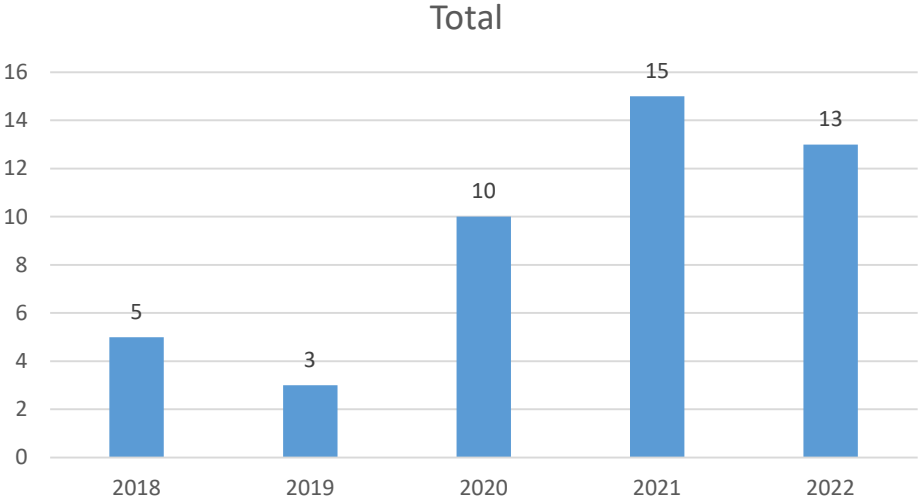
In 2022, seven (7) PWSs received formal and 187 received informal enforcement actions as displayed in Figure 8.

Figure 8: Annual Comparison of Enforcement Actions



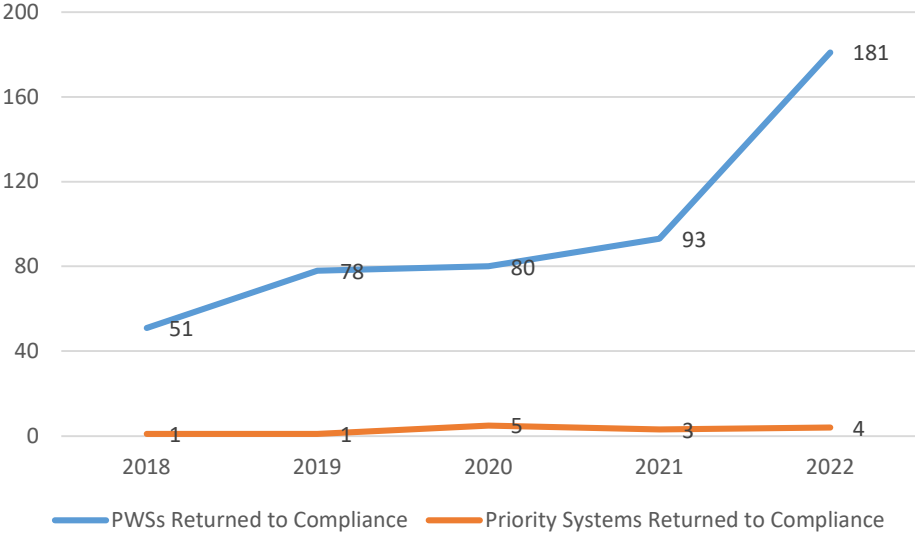
Other violations that occurred during 2022 included 13 PWSs that received violations for failure to provide public notification by the regulatory prescribed deadline and one (1) facility construction without a permit. Figure 9 shows a comparison of “Other” violations over the past five years.

Figure 9: Annual Comparison of “Other” Violations



During 2022, there was a total of 181 PWSs that returned to compliance. Some of the returns to compliance were applicable to violations incurred from previous years.

Figure 10: Number of PWSs Returned to Compliance



Glossary

Annual Compliance Report

The Annual Compliance Report is an annual report of violations of the primary drinking water standards that the states provide to the EPA. Section 1414(c)(3) of the SDWA requires states to provide EPA with an annual report of violations of the primary drinking water standards. This report provides the numbers of violations in each of six categories: Maximum Contaminant Levels (MCLs), Maximum Residual Disinfectant Levels (MRDLs), treatment techniques, variances and exemptions, significant monitoring violations, and significant consumer notification violations. Each quarter, primacy agencies submit data to the Safe Drinking Water Information System (SDWIS/FED), an automated database maintained by EPA. The EPA regional offices report the information for Wyoming, District of Columbia, and all Indian lands with exception to the Navajo Nation. EPA Regional offices also report federal enforcement actions taken. Data retrieved from SDWIS/FED form the basis of this report.

Consumer Notification (Consumer Confidence Report – CCR)

Every community water system is required to deliver to its customers a brief annual water quality report, ‘Consumer Confidence Report’ (CCR). This report is to include some educational material, and will provide information on the source water, the levels of any detected contaminants, and compliance with drinking water regulations.

Enforcement Targeting Tool (ETT)

The enforcement targeting tool is a calculation method used by EPA to identify and prioritize public water systems deemed to be out of compliance with drinking water rules and regulations. The ETT targets systems requiring formal enforcement action in order to facilitate a return to compliance.

Maximum Contaminant Level

Under the SDWA, the EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. These limits are known as Maximum Contaminant Levels (MCLs).

Maximum Residual Disinfectant Level

The EPA sets national limits on residual disinfectant levels in drinking water to reduce the risk of exposure to disinfectant byproducts formed when public water systems add chemical disinfectant for either primary or residual treatment. These limits are known as Maximum Residual Disinfectant Levels (MRDLs).

Monitoring

A PWS is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL or MRDL. If a PWS fails to have its water tested as required or fails to report test results correctly to the primacy agent, a monitoring violation occurs.

Public Notification Violations

The Public Notification Rule requires all PWS to notify their customers any time a PWS violated a national primary drinking water regulation or has a situation posing a risk to public health. Notices must be provided to persons served (not just billing consumers).

Public Water System (PWS)

A PWS is defined as a system that provides water via piping or other constructed conveyances for human consumption to at least 15 service connections or serves an average of at least 25 people for at least 60 days each year. PWSs can be community water systems “CWS” (such as towns), non-transient non-community water systems “NTNC” (such as schools or factories), or transient non-community water systems “TNC” (such as rest stops or parks). For this report, when the acronym ‘PWS’ is used, it means systems of all types unless specified in greater detail.

Significant Monitoring Violations

For this report, significant monitoring violations are generally defined as any significant monitoring violation that occurred during the calendar year of the report. A significant monitoring violation, with rare exceptions, occurs when no samples were taken or no results were reported for a compliance period.

Significant Consumer Notification Violations

For this report, a significant consumer notification violation occurred if a community water system completely failed to provide its customers the required Consumer Confidence Report (CCR).

Treatment Techniques

For some regulations, the EPA establishes treatment techniques (TTs) in lieu of an MCL to control unacceptable levels of certain contaminants. For example, treatment techniques have been established for viruses, some bacteria, and turbidity.

Variations and Exemptions

A primacy state can grant a PWS a ‘variance’ from a primary drinking water regulation if the characteristics of the raw water sources available to the PWS do not allow the system to meet the MCL. To obtain a variance, the system must agree to install the best available technology, treatment techniques, or other means of limiting drinking water contamination that the state finds are available (taking costs into account), and the state must find that the variance will not result in an unreasonable risk to public health. The variance shall be reviewed not less than every 5 years to determine if the system remains eligible for the variance.

A primacy state can grant an ‘exemption’ temporarily relieving a PWS of its obligation to comply with an MCL or treatment technique or both, if the system's noncompliance results from compelling factors (which may include economic factors) and the system was in operation on the effective date of the MCL or treatment technique requirement. The state must require the PWS to comply with the MCL or treatment technique as expeditiously as practicable, but not later than 3 years after the otherwise applicable compliance date.

Appendix A: Public Water System with Any Violations

Rule	PWS ID	PWS Name	County Served	PWS Type Code	Compliance Period Begin Date	Compliance Period End Date	Resolved Date
Groundwater Rule	AL0000025	BELFOREST WATER SYSTEM	Baldwin	CWS	08/07/2022		11/16/2022
Groundwater Rule	AL0000089	MT ANDREW WATER AUTHORITY	Barbour	CWS	05/13/2021		
Groundwater Rule	AL0000089	MT ANDREW WATER AUTHORITY	Barbour	CWS	01/08/2022		
Groundwater Rule	AL0000252	COFFEEVILLE WATER WORKS (TOWN OF)	Clarke	CWS	09/10/2022		12/09/2022
Inorganic Chemicals	AL0000017	PRATTVILLE (WATER WORKS BOARD OF)	Autauga	CWS	01/01/2020	12/31/2022	
Inorganic Chemicals	AL0000022	BALDWIN BAPTIST CAMP	Baldwin	TNCWS	07/01/2022	09/30/2022	11/05/2022
Inorganic Chemicals	AL0000068	SPANISH FORT WATER SYSTEM	Baldwin	CWS	01/01/2020	12/31/2022	
Inorganic Chemicals	AL0000237	GILBERTOWN (UTILITIES BOARD OF TOWN OF)	Choctaw	CWS	01/01/2022	12/31/2022	
Inorganic Chemicals	AL0000555	BREWTON WATER WORKS	Escambia	CWS	07/01/2022	09/30/2022	11/10/2022
Inorganic Chemicals	AL0000561	FREEMANVILLE WATER SYSTEM	Escambia	CWS	01/01/2022	03/31/2022	06/21/2022
Inorganic Chemicals	AL0000563	ESCAMBIA COMMUNITY UTILITIES LLC	Escambia	CWS	01/01/2022	03/31/2022	
Inorganic Chemicals	AL0000593	SOLODIXON FORESTRY EDUCATION CENTER	Covington	TNCWS	01/01/2022	12/31/2022	
Inorganic Chemicals	AL0000624	HARTFORD WATER WORKS	Geneva	CWS	01/01/2022	03/31/2022	
Inorganic Chemicals	AL0000624	HARTFORD WATER WORKS	Geneva	CWS	07/01/2022	09/30/2022	
Inorganic Chemicals	AL0000908	DEMOPOLIS WATER WORKS AND SEWER BOARD	Marengo	CWS	01/01/2020	12/31/2022	
Inorganic Chemicals	AL0000940	DOUGLAS WATER AUTHORITY	Marshall	CWS	01/01/2020	12/31/2022	
Inorganic Chemicals	AL0001244	LOGAN LANDING RV RESORT & CAMPGROUND	Talladega	TNCWS	01/01/2022	12/31/2022	
Inorganic Chemicals	AL0001420	ARDMORE WATER SYSTEM	Limestone	CWS	01/01/2020	12/31/2022	
Inorganic Chemicals	AL0001422	NORTHEAST ALABAMA WATER SYSTEM	DeKalb	CWS	01/01/2022	12/31/2022	
Inorganic Chemicals	AL0001490	PERDIDO BAY WATER, SEWER & FPA	Baldwin	CWS	04/01/2022	06/30/2022	
Inorganic Chemicals	AL0001715	I-65 RV CAMPGROUND, LLC	Mobile	TNCWS	01/01/2022	12/31/2022	
Inorganic Chemicals	AL0001814	GULF STATE PARK INTERPRETIVE CENTER WTS	Baldwin	TNCWS	01/01/2022	12/31/2022	
Lead and Copper Rule	AL0000082	CLAYTON WATER WORKS & SEWER	Barbour	CWS	07/01/2021		
Lead and Copper Rule	AL0000083	CLIO WATER WORKS	Barbour	CWS	01/01/2020		
Lead and Copper Rule	AL0000103	ONEONTA UTILITIES BOARD	Blount	CWS	01/01/2022		11/10/2022
Lead and Copper Rule	AL0000188	CENTRE WATER & SEWER BOARD	Cherokee	CWS	01/01/2020		
Lead and Copper Rule	AL0000255	GROVE HILL WATER WORKS	Clarke	CWS	01/01/2022		07/19/2022
Lead and Copper Rule	AL0000296	ENTERPRISE WATER WORKS	Coffee	CWS	01/01/2020		10/28/2022
Lead and Copper Rule	AL0000302	NEW BROCKTON WATER DEPARTMENT	Coffee	CWS	01/01/2021		
Lead and Copper Rule	AL0000339	FAIRVIEW WATER SYSTEM (CONECUH)	Conecuh	CWS	01/01/2021		

Lead and Copper Rule	AL0000364	GANTT WATER SYSTEM	Covington	CWS	06/01/2020		
Lead and Copper Rule	AL0000368	HEATH WATER SYSTEM	Covington	CWS	06/01/2020		
Lead and Copper Rule	AL0000546	POLLARD WATER SYSTEM	Escambia	CWS	10/01/2021		
Lead and Copper Rule	AL0000566	MCCALL WATER SYSTEM INC	Escambia	CWS	01/01/2022		08/09/2022
Lead and Copper Rule	AL0000751	IRONDALE WATER SYSTEM	Jefferson	CWS	01/01/2020		
Lead and Copper Rule	AL0000767	DETROIT WATER WORKS	Lamar	CWS	06/01/2020		
Lead and Copper Rule	AL0000865	STAR-MINDINGALL WATER AUTHORITY	Macon	CWS	01/01/2022		10/13/2022
Lead and Copper Rule	AL0000957	BAYOU LA BATRE UTILITIES	Mobile	CWS	01/01/2020		10/11/2022
Lead and Copper Rule	AL0001015	PRICHARD WATER WORKS BOARD	Mobile	CWS	01/01/2020		
Lead and Copper Rule	AL0001046	EXCEL WATER SYSTEM	Monroe	CWS	07/01/2021		
Lead and Copper Rule	AL0001092	WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	Morgan	CWS	01/01/2022		
Lead and Copper Rule	AL0001228	CHILDERSBURG WATER & SEWER BOARD	Talladega	CWS	01/01/2020		10/28/2022
Lead and Copper Rule	AL0001274	DAVISTON WATER SYSTEM (TOWN OF)	Tallapoosa	CWS	01/01/1994		
Lead and Copper Rule	AL0001445	GREENETRACK, INC	Greene	NTNCWS	01/01/2022	06/30/2022	05/05/2022
Lead and Copper Rule	AL0001445	GREENETRACK, INC	Greene	NTNCWS	01/01/2022		07/24/2022
Lead and Copper Rule	AL0001445	GREENETRACK, INC	Greene	NTNCWS	04/13/2022		05/03/2022
Lead and Copper Rule	AL0001516	HAMDEN RIDGE WATER AUTHORITY	Conecuh	CWS	01/01/1994		
Lead and Copper Rule	AL0001555	ALA. WAREHOUSE/LOWER POOL #2	Henry	NTNCWS	06/01/2020		
Lead and Copper Rule	AL0001555	ALA. WAREHOUSE/LOWER POOL #2	Henry	NTNCWS	07/01/2021		
Lead and Copper Rule	AL0001783	BLOUNT COUNTY WATER	Blount	CWS	01/01/2020		10/28/2022
Lead and Copper Rule	AL0001794	KEYSTONE FOODS LLC - EUFAULA PROCESSING	Barbour	NTNCWS	10/01/2019		10/06/2022
Lead and Copper Rule	AL0001811	BIRMINGHAM AL VA MEDICAL CENTER	Jefferson	NTNCWS	01/01/2022		07/19/2022
Long Term 2 Enhanced Surface Water Treatment Rule	AL0001160	MONTEVALLO WATER WORKS & SEWER	Shelby	CWS	08/02/2021		
Public Notice Rule	AL0000083	CLIO WATER WORKS	Barbour	CWS	05/11/2022		06/29/2022
Public Notice Rule	AL0000088	LOUISVILLE WATER WORKS	Barbour	CWS	05/11/2022		05/31/2022
Public Notice Rule	AL0000089	MT ANDREW WATER AUTHORITY	Barbour	CWS	05/20/2021		02/14/2022
Public Notice Rule	AL0000116	MIDWAY WATER WORKS	Bullock	CWS	05/11/2022		06/28/2022
Public Notice Rule	AL0000123	GEORGIANA WATER WORKS & SEWER BOARD	Butler	CWS	08/20/2022		08/24/2022
Public Notice Rule	AL0000388	GLENWOOD WATER WORKS	Crenshaw	CWS	08/01/2022		
Public Notice Rule	AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	Etowah	CWS	05/21/2022		05/26/2022
Public Notice Rule	AL0000676	COLUMBIA WATER WORKS	Houston	CWS	10/11/2021		03/31/2022
Public Notice Rule	AL0000788	LEXINGTON WATER WORKS AND SEWER	Lauderdale	CWS	02/01/2022		02/14/2022
Public Notice Rule	AL0001021	SARALAND WATER SERVICE	Mobile	CWS	01/11/2022		03/29/2022
Public Notice Rule	AL0001764	CWM WATER AUTHORITY	Wilcox	CWS	08/01/2022		09/15/2022
Radionuclides	AL0000053	ORANGE BEACH WATER, SEWER AND F.P.A.	Baldwin	CWS	01/01/2022	03/31/2022	04/28/2022

Radionuclides	AL0000415	DALE COUNTY WATER AUTHORITY	Dale	CWS	04/01/2022	06/30/2022	
Radionuclides	AL0000482	NORTH DALLAS WATER AUTHORITY	Dallas	CWS	01/01/2022	03/31/2022	04/28/2022
Radionuclides	AL0000663	HENRY COUNTY WATER AUTHORITY	Henry	CWS	04/01/2022	06/30/2022	08/06/2022
Radionuclides	AL0000676	COLUMBIA WATER WORKS	Houston	CWS	04/01/2022	06/30/2022	07/12/2022
Radionuclides	AL0000940	DOUGLAS WATER AUTHORITY	Marshall	CWS	01/01/2017	12/31/2022	
Radionuclides	AL0000940	DOUGLAS WATER AUTHORITY	Marshall	CWS	01/01/2020	12/31/2022	
Radionuclides	AL0000967	SOUTH ALABAMA UTILITIES WATER SYSTEM	Mobile	CWS	04/01/2022	06/30/2022	08/06/2022
Radionuclides	AL0000967	SOUTH ALABAMA UTILITIES WATER SYSTEM	Mobile	CWS	04/01/2022	06/30/2022	08/06/2022
Radionuclides	AL0000971	DAUPHIN ISLAND WATER & SEWER	Mobile	CWS	07/01/2022	09/30/2022	
Radionuclides	AL0001073	PINTLALA WATER SYSTEM, INC.	Montgomery	CWS	10/01/2022	12/31/2022	
Radionuclides	AL0001362	LEROY WATER AUTHORITY	Washington	CWS	01/01/2022	03/31/2022	03/23/2022
Radionuclides	AL0001490	PERDIDO BAY WATER, SEWER & FPA	Baldwin	CWS	01/01/2022	03/31/2022	11/02/2022
Radionuclides	AL0001490	PERDIDO BAY WATER, SEWER & FPA	Baldwin	CWS	04/01/2022	06/30/2022	11/02/2022
Radionuclides	AL0001490	PERDIDO BAY WATER, SEWER & FPA	Baldwin	CWS	07/01/2022	09/30/2022	11/02/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000133	ANNISTON WATER WORKS & SEWER BOARD	Calhoun	CWS	07/01/2022	09/30/2022	08/11/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000164	PIEDMONT UTILITIES BOARD	Calhoun	CWS	04/01/2022	06/30/2022	07/27/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000213	CLANTON WATER DEPARTMENT	Chilton	CWS	07/01/2022	09/30/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000213	CLANTON WATER DEPARTMENT	Chilton	CWS	10/01/2022	12/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000398	CULLMAN UTILITIES BOARD	Cullman	CWS	07/01/2022	09/30/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000577	GADSDEN WATER WORKS AND SEWER BOARD	Etowah	CWS	01/01/2022	03/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000713	BRIDGEPORT UTILITIES BOARD	Jackson	CWS	07/01/2022	09/30/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000885	MADISON WATER WORKS & SEWER BOARD	Madison	CWS	04/01/2022	06/30/2022	07/18/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000885	MADISON WATER WORKS & SEWER BOARD	Madison	CWS	10/01/2022	12/31/2022	11/22/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000933	ALBERTVILLE UTILITIES BOARD	Marshall	CWS	07/01/2022	09/30/2022	08/11/2022

Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000934	ARAB WATER WORKS BOARD	Marshall	CWS	10/01/2022	12/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000943	GUNTERSVILLE WATER WORKS & SEWER BOARD	Marshall	CWS	07/01/2022	09/30/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0000943	GUNTERSVILLE WATER WORKS & SEWER BOARD	Marshall	CWS	10/01/2022	12/31/2022	12/16/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001092	WEST MORGAN-EAST LAWRENCE WATER AUTHORITY	Morgan	CWS	10/01/2022	12/31/2022	11/22/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001127	ROANOKE (THE UTIL. BD. OF THE CITY OF)	Randolph	CWS	08/01/2022	08/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001142	PHENIX CITY UTILITIES	Russell	CWS	01/01/2022	03/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001142	PHENIX CITY UTILITIES	Russell	CWS	04/01/2022	06/30/2022	07/17/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001142	PHENIX CITY UTILITIES	Russell	CWS	10/01/2022	12/31/2022	12/16/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001307	NORTHPORT WATER WORKS	Tuscaloosa	CWS	10/01/2022	12/31/2022	
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001422	NORTHEAST ALABAMA WATER SYSTEM	DeKalb	CWS	04/01/2022	06/30/2022	07/18/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001422	NORTHEAST ALABAMA WATER SYSTEM	DeKalb	CWS	07/01/2022	09/30/2022	08/17/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	04/01/2022	06/30/2022	07/10/2022
Stage 1 Disinfectants and Disinfection Byproducts Rule	AL0001796	DEKALB-JACKSON WATER SUPPLY DISTRICT	Jackson	CWS	07/01/2022	09/30/2022	08/11/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000068	SPANISH FORT WATER SYSTEM	Baldwin	CWS	12/15/2021	03/20/2022	06/27/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000068	SPANISH FORT WATER SYSTEM	Baldwin	CWS	03/15/2022	06/19/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000098	ALLGOOD WATER WORKS (TOWN OF)	Blount	CWS	08/01/2021	07/31/2022	11/29/2022

Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000123	GEORGIANA WATER WORKS & SEWER BOARD	Butler	CWS	08/01/2021	07/31/2022	12/01/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000178	LAFAYETTE WATER WORKS	Chambers	CWS	05/12/2022	08/14/2022	12/08/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000178	LAFAYETTE WATER WORKS	Chambers	CWS	08/18/2022	11/20/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000179	LANETT WATER WORKS	Chambers	CWS	08/10/2022	11/13/2022	12/09/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000180	BEULAH UTILITIES DISTRICT	Lee	CWS	09/14/2022	12/18/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000245	HOLLINS WATER AUTHORITY	Clay	CWS	11/10/2021	02/20/2022	06/07/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000245	HOLLINS WATER AUTHORITY	Clay	CWS	02/09/2022	05/15/2022	09/06/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000245	HOLLINS WATER AUTHORITY	Clay	CWS	05/11/2022	08/14/2022	12/07/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000245	HOLLINS WATER AUTHORITY	Clay	CWS	08/10/2022	11/20/2022	12/07/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000262	THOMASVILLE WATER WORKS & SEWER BOARD	Clarke	CWS	10/20/2021	01/23/2022	06/19/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000262	THOMASVILLE WATER WORKS & SEWER BOARD	Clarke	CWS	01/20/2022	04/24/2022	09/06/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000262	THOMASVILLE WATER WORKS & SEWER BOARD	Clarke	CWS	04/21/2022	07/24/2022	12/08/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000270	MILLERVILLE WATER & FIRE PRO AUTHORITY	Clay	CWS	01/01/2022	03/31/2022	03/25/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000296	ENTERPRISE WATER WORKS	Coffee	CWS	01/01/2022	12/31/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000319	LEIGHTON (WSB OF THE TOWN OF)	Colbert	CWS	07/01/2022	09/30/2022	10/13/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000338	EVERGREEN WATER WORKS	Conecuh	CWS	10/01/2021	09/30/2022	10/13/2022

Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000351	GOODWATER WTR WORKS & SEWER BD (CITY OF)	Coosa	CWS	11/13/2021	02/20/2022	05/14/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000351	GOODWATER WTR WORKS & SEWER BD (CITY OF)	Coosa	CWS	02/20/2022	05/15/2022	09/06/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000366	WISE METALS GROUP, LLC (CONSTELLIUM)	Colbert	NTNCWS	07/13/2022	10/16/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000490	SELMA WATER WORKS & SEWER BOARD	Dallas	CWS	10/01/2022	12/31/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	10/22/2021	01/16/2022	04/11/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	01/01/2022	03/31/2022	04/11/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	01/11/2022	04/17/2022	07/03/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	04/12/2022	07/17/2022	12/30/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	07/01/2022	09/30/2022	11/05/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000539	MILLBROOK UTILITIES	Elmore	CWS	07/16/2022	10/16/2022	12/30/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000577	GADSDEN WATER WORKS AND SEWER BOARD	Etowah	CWS	08/25/2022	11/29/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000596	BERRY WATER DEPARTMENT, TOWN OF	Fayette	CWS	03/18/2022	06/19/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000598	GLEN ALLEN WATER SYSTEM	Fayette	CWS	01/01/2022	03/31/2022	04/11/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000737	BESSEMER WATER SERVICE	Jefferson	CWS	07/01/2022	09/30/2022	10/13/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000870	TUSKEGEE UTILITIES BOARD	Macon	CWS	11/18/2021	02/20/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000870	TUSKEGEE UTILITIES BOARD	Macon	CWS	02/17/2022	05/22/2022	06/08/2022

Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000878	HARVEST-MONROVIA WATER SYSTEM	Madison	CWS	12/07/2021	03/13/2022	07/08/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000878	HARVEST-MONROVIA WATER SYSTEM	Madison	CWS	09/08/2022	12/11/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000899	US ARMY GARRISON-REDSTONE ARSENAL	Madison	CWS	10/15/2021	01/16/2022	08/02/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000899	US ARMY GARRISON-REDSTONE ARSENAL	Madison	CWS	01/17/2022	04/17/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000899	US ARMY GARRISON-REDSTONE ARSENAL	Madison	CWS	04/14/2022	07/17/2022	09/30/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000899	US ARMY GARRISON-REDSTONE ARSENAL	Madison	CWS	07/13/2022	10/16/2022	10/26/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000935	ASBURY WATER SYSTEM	Marshall	CWS	09/07/2022	12/11/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0000957	BAYOU LA BATRE UTILITIES	Mobile	CWS	07/01/2022	06/30/2023	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001005	MOBILE BOARD OF WATER AND SEWER COMM.	Mobile	CWS	08/10/2022	11/20/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001015	PRICHARD WATER WORKS BOARD	Mobile	CWS	08/10/2022	11/20/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001110	BRUNDIDGE WATER DEPARTMENT	Pike	CWS	08/01/2021	07/31/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001148	ALABASTER WATER BOARD	Shelby	CWS	04/01/2022	06/30/2022	07/19/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001150	CALERA WATER WORKS	Shelby	CWS	06/14/2022	09/18/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001150	CALERA WATER WORKS	Shelby	CWS	09/16/2022	12/18/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	Tallapoosa	CWS	11/12/2021	02/20/2022	06/07/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	Tallapoosa	CWS	02/14/2022	05/15/2022	09/06/2022

Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	Tallapoosa	CWS	05/13/2022	08/14/2022	12/09/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	Tallapoosa	CWS	08/15/2022	11/13/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001313	TUSCALOOSA WATER & SEWER	Tuscaloosa	CWS	01/01/2022	03/31/2022	05/19/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001371	WILCOX COUNTY WATER AUTHORITY	Wilcox	CWS	07/01/2022	09/30/2022	08/29/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001411	HALEYVILLE WATER WORKS & SEWER BOARD	Winston	CWS	01/12/2022	04/17/2022	08/08/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001412	LYNN WATER WORKS	Winston	CWS	04/01/2022	06/30/2022	08/07/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001427	PERRY COUNTY WATER AUTHORITY	Perry	CWS	10/01/2021	09/30/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	12/14/2021	03/20/2022	07/09/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	03/08/2022	06/19/2022	10/08/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	06/17/2022	09/18/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	09/16/2022	12/18/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001716	MARION COUNTY PUBLIC WATER AUTHORITY	Marion	CWS	10/01/2022	12/31/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001721	DORA UTILITIES	Walker	CWS	10/12/2021	01/16/2022	03/22/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001721	DORA UTILITIES	Walker	CWS	07/14/2022	10/16/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001721	DORA UTILITIES	Walker	CWS	10/11/2022	10/13/2022	10/13/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001764	CWM WATER AUTHORITY	Wilcox	CWS	07/01/2022	09/30/2022	11/07/2022

Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001784	WASHINGTON COUNTY WATER AUTHORITY	Washington	CWS	07/01/2021	06/30/2022	08/24/2022
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001786	CULLMAN WATER WORKS, CITY OF	Cullman	CWS	02/23/2022	05/22/2022	
Stage 2 Disinfectants and Disinfection Byproducts Rule	AL0001805	COOSA VALLEY WATER SUPPLY DISTRICT	St. Clair	CWS	08/25/2022	11/22/2022	
Synthetic Organic Chemicals	AL0000023	NORTH BALDWIN UTILITIES	Baldwin	CWS	04/01/2022	06/30/2022	07/27/2022
Synthetic Organic Chemicals	AL0000035	FAIRHOPE WATER SYSTEM (CITY OF)	Baldwin	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0000053	ORANGE BEACH WATER, SEWER AND F.P.A.	Baldwin	CWS	04/01/2022	06/30/2022	08/08/2022
Synthetic Organic Chemicals	AL0000061	ROBERTSDALE (CITY OF)	Baldwin	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0000076	WHITE HOUSE WATER SYSTEM, INC.	Baldwin	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0000299	KINSTON WATER WORKS	Coffee	CWS	07/01/2022	09/30/2022	11/05/2022
Synthetic Organic Chemicals	AL0000361	COVINGTON COUNTY WATER AUTHORITY	Covington	CWS	04/01/2022	06/30/2022	08/09/2022
Synthetic Organic Chemicals	AL0000361	COVINGTON COUNTY WATER AUTHORITY	Covington	CWS	10/11/2022	11/29/2022	11/29/2022
Synthetic Organic Chemicals	AL0000657	ABBEVILLE WATER WORKS & SEWER BOARD	Henry	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0000663	HENRY COUNTY WATER AUTHORITY	Henry	CWS	04/01/2022	06/30/2022	07/24/2022
Synthetic Organic Chemicals	AL0000676	COLUMBIA WATER WORKS	Houston	CWS	07/01/2022	09/30/2022	11/05/2022
Synthetic Organic Chemicals	AL0000940	DOUGLAS WATER AUTHORITY	Marshall	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0000957	BAYOU LA BATRE UTILITIES	Mobile	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0001002	MOBILE COUNTY WATER & FIRE PRO AUTHORITY	Mobile	CWS	01/01/2022	03/31/2022	06/19/2022
Synthetic Organic Chemicals	AL0001021	SARALAND WATER SERVICE	Mobile	CWS	04/01/2022	06/30/2022	08/08/2022
Synthetic Organic Chemicals	AL0001022	SATSUMA WATER WORKS	Mobile	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0001031	ST. ELMO-IRVINGTON WATER AUTHORITY	Mobile	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0001046	EXCEL WATER SYSTEM	Monroe	CWS	04/01/2022	06/30/2022	08/09/2022
Synthetic Organic Chemicals	AL0001046	EXCEL WATER SYSTEM	Monroe	CWS	07/01/2022	09/30/2022	
Synthetic Organic Chemicals	AL0001168	VINCENT WATER WORKS BOARD	Shelby	CWS	07/01/2022	09/30/2022	11/05/2022

Synthetic Organic Chemicals	AL0001209	RIVERSIDE (TOWN OF)	St. Clair	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0001229	WATER WORKS, INC.	Talladega	CWS	07/01/2021	06/30/2022	07/19/2022
Synthetic Organic Chemicals	AL0001426	SOUTHWEST ALABAMA WATER AUTHORITY	Monroe	CWS	01/01/2020	12/31/2022	
Synthetic Organic Chemicals	AL0001433	GOLDEN ROD BROILERS	Cullman	NTNCWS	10/01/2021	09/30/2022	
Synthetic Organic Chemicals	AL0001516	HAMDEN RIDGE WATER AUTHORITY	Conecuh	CWS	01/01/2020	12/31/2022	
Total Coliform Rules	AL0000049	STYX RIVER RESORT WATER SYSTEM	Baldwin	TNCWS	11/22/2022		12/20/2022
Total Coliform Rules	AL0000089	MT ANDREW WATER AUTHORITY	Barbour	CWS	06/20/2021		03/23/2022
Total Coliform Rules	AL0000121	COASTAL FOREST PRODUCTS, LLC	Butler	NTNCWS	10/01/2022	10/31/2022	12/08/2022
Total Coliform Rules	AL0000123	GEORGIANA WATER WORKS & SEWER BOARD	Butler	CWS	07/03/2022		07/19/2022
Total Coliform Rules	AL0000252	COFFEEVILLE WATER WORKS (TOWN OF)	Clarke	CWS	10/29/2022		12/19/2022
Total Coliform Rules	AL0000259	MID-CLARKE WATER SYSTEM	Clarke	CWS	10/01/1999	10/31/1999	
Total Coliform Rules	AL0000259	MID-CLARKE WATER SYSTEM	Clarke	CWS	12/01/2002	12/31/2002	
Total Coliform Rules	AL0000259	MID-CLARKE WATER SYSTEM	Clarke	CWS	04/01/2022	04/30/2022	06/10/2022
Total Coliform Rules	AL0000272	CHEAHA STATE PARK	Cleburne	TNCWS	08/01/2022	08/31/2022	09/27/2022
Total Coliform Rules	AL0000318	LAGRANGE MOUNTAIN WATER AUTHORITY	Colbert	CWS	08/13/2022		11/16/2022
Total Coliform Rules	AL0000463	DALLAS COUNTY WATER & SEWER AUTHORITY	Dallas	CWS	08/01/2022	08/31/2022	10/08/2022
Total Coliform Rules	AL0000570	RIVERVIEW WATER WORKS	Escambia	CWS	10/20/2022		10/22/2022
Total Coliform Rules	AL0000582	WEST ETOWAH WATER & FIRE PRO AUTHORITY	Etowah	CWS	05/01/2022	05/31/2022	07/10/2022
Total Coliform Rules	AL0000626	MALVERN WATER DEPARTMENT	Geneva	CWS	05/01/2022	05/31/2022	07/07/2022
Total Coliform Rules	AL0000770	MILLPORT WATER WORKS	Lamar	CWS	11/01/2022	11/30/2022	
Total Coliform Rules	AL0000788	LEXINGTON WATER WORKS AND SEWER	Lauderdale	CWS	05/01/2022	05/31/2022	07/03/2022
Total Coliform Rules	AL0000951	UNION GROVE UTILITY BOARD	Marshall	CWS	07/09/2022		07/21/2022
Total Coliform Rules	AL0001245	LINCOLN (CITY OF)	Talladega	CWS	09/01/2022	09/30/2022	11/07/2022
Total Coliform Rules	AL0001273	DADEVILLE WATER WORKS & SEWAGE BOARD	Tallapoosa	CWS	05/15/2022		10/28/2022
Total Coliform Rules	AL0001364	MILLRY WATER WORKS	Washington	CWS	08/01/2022	08/31/2022	10/07/2022
Total Coliform Rules	AL0001434	COOK SPRINGS WATER AUTHORITY	St. Clair	CWS	05/01/2022	05/31/2022	06/20/2022
Total Coliform Rules	AL0001509	HALE COUNTY WATER AUTHORITY	Hale	CWS	07/01/2022	07/31/2022	
Total Coliform Rules	AL0001702	HILLTOP RV PARK	Baldwin	TNCWS	08/16/2022		09/16/2022
Total Coliform Rules	AL0001715	I-65 RV CAMPGROUND, LLC	Mobile	TNCWS	06/01/2022	06/30/2022	
Total Coliform Rules	AL0001771	NORTH CLARKE WATER AUTHORITY	Clarke	CWS	04/01/2022	04/30/2022	06/10/2022
Volatile Organic Chemicals	AL0000168	WEAVER WATER SYSTEM	Calhoun	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000255	GROVE HILL WATER WORKS	Clarke	CWS	01/01/2020	12/31/2022	
Volatile Organic Chemicals	AL0000295	ELBA WATER WORKS	Coffee	CWS	07/01/2022	09/30/2022	
Volatile Organic Chemicals	AL0000299	KINSTON WATER WORKS	Coffee	CWS	07/01/2022	09/30/2022	11/05/2022

Volatile Organic Chemicals	AL0000302	NEW BROCKTON WATER DEPARTMENT	Coffee	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000397	SOUTH CRENSHAW COUNTY WATER AUTHORITY	Crenshaw	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000415	DALE COUNTY WATER AUTHORITY	Dale	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000546	POLLARD WATER SYSTEM	Escambia	CWS	07/01/2022	09/30/2022	12/29/2022
Volatile Organic Chemicals	AL0000553	WEST ESCAMBIA UTILITIES INC.	Escambia	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000570	RIVERVIEW WATER WORKS	Escambia	CWS	01/01/2020	12/31/2022	
Volatile Organic Chemicals	AL0000591	SOUTHSIDE WATER WORKS	Etowah	CWS	01/01/2020	12/31/2022	
Volatile Organic Chemicals	AL0000626	MALVERN WATER DEPARTMENT	Geneva	CWS	10/01/2022	12/31/2022	
Volatile Organic Chemicals	AL0000676	COLUMBIA WATER WORKS	Houston	CWS	07/01/2022	09/30/2022	10/13/2022
Volatile Organic Chemicals	AL0000708	WEBB WATER SYSTEM	Houston	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0000957	BAYOU LA BATRE UTILITIES	Mobile	CWS	04/01/2022	06/30/2022	07/18/2022
Volatile Organic Chemicals	AL0000967	SOUTH ALABAMA UTILITIES WATER SYSTEM	Mobile	CWS	04/01/2022	06/30/2022	
Volatile Organic Chemicals	AL0001046	EXCEL WATER SYSTEM	Monroe	CWS	04/01/2022	06/30/2022	
Volatile Organic Chemicals	AL0001106	PICKENS COUNTY WATER & F. P. AUTHORITY	Pickens	CWS	01/01/2022	03/31/2022	
Volatile Organic Chemicals	AL0001106	PICKENS COUNTY WATER & F. P. AUTHORITY	Pickens	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0001107	REFORM WATER & SEWER BOARD	Pickens	CWS	04/01/2022	06/30/2022	07/14/2022
Volatile Organic Chemicals	AL0001222	SUMTER COUNTY WATER AUTHORITY	Sumter	CWS	07/01/2022	09/30/2022	11/29/2022
Volatile Organic Chemicals	AL0001420	ARDMORE WATER SYSTEM	Limestone	CWS	07/01/2022	09/30/2022	11/05/2022
Volatile Organic Chemicals	AL0001420	ARDMORE WATER SYSTEM	Limestone	CWS	10/01/2022	12/31/2022	

Appendix B – Violation Tables by Individual Contaminant Code

Table B.1 – Synthetic Organic Contaminants

State: Alabama
Reporting Interval: 2022

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	0	0			18	18
2,4,5-TP	0.05	0	0			18	18
2,4-D	0.07	0	0			18	18
Atrazine	0.003	0	0			18	18
Benzo[a]pyrene	0.0002	0	0			18	18
Carbofuran	0.04	0	0			18	18
Chlordane	0.002	0	0			18	18
Dalapon	0.2	0	0			18	18
Di(2-ethylehexyl)adipate	0.4	0	0			18	18
Di(2-ethylehexyl)phthalate	0.006	0	0			21	20
Dinoseb	0.007	0	0			18	18
Diquat	0.02	0	0			18	18
Endothall	0.1	0	0			18	18
Endrin	0.002	0	0			18	18
Ethylene dibromide	0.0005	0	0			20	20
Glyphosate	0.7	0	0			19	18
Heptachlor	0.0004	0	0			19	19
Heptachlor epoxide	0.0002	0	0			18	18
Hexachlorobenzene	0.001	0	0			18	18
Hexachlorocyclopentadiene		0	0			18	18
Methoxychlor	0.04	0	0			18	18
Oxamyl (Vydate)	0.2	0	0			18	18
Pentachlorophenol	0.001	0	0			18	18
Picloram	0.5	0	0			18	18

State: Alabama

Reporting Interval: 2022

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Simazine	0.004	0	0			18	18
Total polychlorinated biphenyls	0.0005	0	0			18	18
Toxaphene	0.003	0	0			18	18
Total trihalomethanes	0.08	3	3			66	36
Haloacetic acids	0.06	5	4			67	37

Table B.2 – Volatile Organic Chemicals

State: Alabama
Reporting Interval: 2022

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
1,1,1-Trichloroethane	0.2	0	0			21	19
1,1,2-Trichloroethane	0.005	0	0			21	19
1,1-Dichloroethylene	0.007	0	0			22	20
1,2,4-Trichlorobenzene	0.07	0	0			21	19
1,2-Dichloroethane	0.005	0	0			21	19
1,2-Dichloropropane	0.005	0	0			21	19
2,3,7,8-TCDD (Dioxin)	3x10 ⁻⁸	0	0			0	0
Acrylamide				0	0		
Alachlor	0.002	0	0			18	18
Benzene	0.005	0	0			22	20
Carbon Tetrachloride	0.005	0	0			21	19
cis-1,2-Dichloroethylene	0.07	0	0			21	19
Dichloromethane	0.005	0	0			21	19
Ethylbenzene	0.7	0	0			21	19
Hexachlorocyclopentadiene	0.05	0	0			18	18
Lindane	0.0002	0	0			18	18
Monochlorobenzene	0.1	0	0			21	19
o-Dichlorobenzene	0.6	0	0			21	19
para-Dichlorobenzene	0.075	0	0			20	18
Styrene	0.1	0	0			21	19
Tetrachloroethylene	0.005	0	0			21	19
Toluene	1	0	0			21	19
trans-1,2-Dichloroethylene	0.1	0	0			21	19
Trichloroethylene	0.005	0	0			21	19

State: Alabama
Reporting Interval: 2022

	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Vinyl chloride	0.002	0	0			21	19
Xylenes (total)	10	0	0			22	20
Chlorite	1.0	0	0			3	2
Bromate	0.01	0	0			0	0
Total organic carbon				0	0	20	14

Table B.3 – Inorganic Contaminants

State: Alabama
Reporting Interval: 2022

Analyte	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Antimony	0.006	0	0			6	6
Arsenic	0.05	0	0			6	6
Asbestos	7 million fibers/ l ≤ 10 μm long	0	0			0	0
Barium	2	0	0			6	6
Beryllium	0.004	0	0			6	6
Cadmium	0.005	0	0			6	6
Chromium	0.1	0	0			6	6
Cyanide (as free cyanide)	0.2	0	0			6	6
Fluoride	4	0	0			7	7
Mercury	0.002	0	0			6	6
Nickel		0	0			6	6
Nitrate	10 (as Nitrogen)	0	0			17	16
Nitrite	1 (as Nitrogen)	0	0			6	6
Selenium	0.05	0	0			6	6
Thallium	0.002	0	0			6	6
Total nitrate and nitrite	10 (as Nitrogen)	0	0			0	0
Subtotal		0	0			90	

Table B.4 – Radionuclide Contaminants

State: Alabama
Reporting Interval: 2022

Analyte	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Gross alpha	15 pCi/l	0	0			9	8
Radium-226 and radium-228	5 pCi/l	4	2			16	7
Gross beta	4 mrem/yr	0	0			8	7

Table B.5 – Microbiological Contaminants

State: Alabama
Reporting Interval: 2022

Violation Type	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Acute MCL violation	Presence	1	1				
Non-acute MCL violation	Presence	0	0	9	9		
Major routine and follow up monitoring						13	13
Sanitary survey						0	0
Subtotal		1	1			12	12

Table B.6 – Surface Water Treatment Rule

State: Alabama
Reporting Interval: 2022

Violation Type	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Filtered systems							
Monitoring, routine/repeat						0	0
Treatment techniques				1	1		
Unfiltered systems*							
Monitoring, routine/repeat						0	0
Failure to filter				0	0		
Subtotal				1	1	0	0

*There is one unfiltered surface source system in Alabama.

Table B.7 – Lead and Copper Rule

State: Alabama
Reporting Interval: 2022

Violation Type	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Initial, Follow up, or Routine Source Water M/R						1	1
Initial lead and copper tap M/R						2	2
Follow up or routine lead and copper tap M/R						26	24
Water Quality Parameter M/R						1	1
Treatment installation required				0	0		
Public education required				0	0		
Failure to Notify Customers						0	0
Subtotal				0	0	30	30

Table B.8 – Other Rules

State: Alabama
Reporting Interval: 2022

Rule Name	MCL (mg/l)	MCLs		Treatment Techniques		Significant Monitoring/Reporting	
		Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations	Number of Violations	Number of Systems with Violations
Consumer Confidence Rule						0	0
Public Notification Rule						12	12
Groundwater Rule				2	1	3	2
Subtotal				2	1	15	15

How to Obtain a Copy of the 2022 Public Water Systems Report

As required by the Safe Drinking Water Act, the Alabama Department of Environmental Management Drinking Water Program has made the Alabama 2022 Public Water Systems Annual Compliance Report available to the public. Interested individuals can obtain a copy of the 2022 Annual Public Water Systems Report for Alabama by accessing the Drinking Water Program webpage, or by contacting Benny Laughlin.

ADEM website: www.adem.alabama.gov

Address of Responsible State Department: 1400 Coliseum Boulevard, Montgomery, AL 36110

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