

## **WYOMING ANNUAL COMPLIANCE REPORT CALENDAR YEAR 2022**

### **I. Introduction**

Section 1414(c)(3)(A)(1) of the amended Safe Drinking Water Act (SDWA) requires the U.S. Environmental Protection Agency (EPA) to prepare and make available to the public an annual report on violations of the National Primary Drinking Water Regulations by public water systems (PWSs) in the State of Wyoming each year. This report includes violations pertaining to: 1) maximum contaminant levels, 2) maximum residual disinfectant levels, 3) treatment requirements, 4) monitoring and reporting requirements determined to be significant by the Administrator, 5) variances and exemption violations, 6) record keeping violations, 7) significant public notification requirement violations, and 8) Consumer Confidence Report requirements.

EPA Region 8 has primary enforcement authority in the State of Wyoming and thus prepared this annual compliance report. This report is intended to summarize and identify PWSs in the State of Wyoming that have been identified as having violations in categories 1- 5 and 8 above during the calendar year 2022. The source of the information contained in this report is EPA's SDWIS Fed Reporting Services that is accessed through the Central Data Exchange (CDS).

### **II. The Drinking Water Program: An Overview**

The EPA established the Public Water System Supervision (PWSS) Program under the authority of the 1974 Safe Drinking Water Act (SDWA). Under the SDWA and the 1986 Amendments, 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) and Maximum Residual Disinfectant Levels (MRDLs). For some regulations, EPA establishes treatment techniques (TT) in lieu of an MCL to control unacceptable levels of contaminants in water. For example, treatment techniques have been established for viruses, some bacteria, and turbidity. The Agency also regulates how often public water systems monitor their water for contaminants and report the monitoring results to the states or EPA. Generally, the larger the population served by the 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 consumers when they have violated these regulations. 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. The SDWA applies to the 50 states, the District of Columbia, Indian country, Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands.

The SDWA allows states 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 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. The EPA Regional Offices administer the PWSS Programs within these two jurisdictions.

### **III. Public Water System**

A Public Water System (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. There are three types of PWSs. PWSs can be community (such as towns), non-transient noncommunity (such as schools or factories on independent water sources), or transient noncommunity systems (such as rest stops or parks). For this report, the use of the acronym “PWS” means systems of all types unless specified in greater detail.

### **IV. Variances and Exemptions**

During calendar year 2022, EPA Region 8 did not allow variances or exemptions for Wyoming public water systems.

### **V. Monitoring**

A PWS is required to monitor and verify that the levels of contaminants present in the water do not exceed the MCL. If a PWS fails to have its water tested as required or fails to report test results correctly to the primacy agency, a monitoring violation occurs. 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 exception, occurs when no samples were taken or no results were reported during a compliance period.

### **VI. Consumer Notification**

Every Community Water System is required to deliver to its customers an annual Consumer Confidence Report. 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. For this report, a significant consumer notification violation occurred if a community water system completely failed to provide its customers the required annual report.

### **VII. Obtaining a Copy of the 2022 Public Water Systems Report**

As required by the Safe Drinking Water Act, EPA Region 8 has made the 2022 Public Water Systems Report available to the public for the State of Wyoming. Interested individuals can obtain a copy by accessing:

Website: <https://www.epa.gov/region8-waterops> Telephone: 303-312-6312 or 800-227-8917 E-Mail: [r8eisc@epa.gov](mailto:r8eisc@epa.gov)

## VIII. Violations Table

Rule Group	Rule Name	# of Violations	# of Resolved Violations	# of PWS in Violation
Maximum Contaminant Level Violation				
Chemicals	Nitrates	2	0	1
Chemicals	Radionuclides	3	0	1
Disinfectants and Disinfection Byproducts Rule	Stage 2 Disinfectants and Disinfection Byproducts Rule	8	1	3
Microbials	Revised Total Coliform Rule	1	1	1
		14	2	6
Monitoring Violation				
Microbials	Revised Total Coliform Rule	121	83	66
		121	83	66
Monitoring and Reporting				
Chemicals	Arsenic	4	1	2
Chemicals	Inorganic Chemicals	51	15	4
Chemicals	Lead and Copper Rule	96	26	60
Chemicals	Nitrates	62	29	34
Chemicals	Radionuclides	55	40	6
Chemicals	Synthetic Organic Chemicals	117	30	3
Chemicals	Volatile Organic Chemicals	84	21	2
Disinfectants and Disinfection Byproducts Rule	Stage 1 Disinfectants and Disinfection Byproducts Rule	15	1	8
Disinfectants and Disinfection Byproducts Rule	Stage 2 Disinfectants and Disinfection Byproducts Rule	12	4	7
Microbials	Ground Water Rule	47	22	39
Microbials	Surface Water Treatment Rule	14	9	11
		557	198	176

Other Violation				
Microbials	Ground Water Rule	10	0	10
Microbials	Revised Total Coliform Rule	13	2	13
Other	Consumer Confidence Rule	50	6	36
		73	8	59
Treatment Technique Violation				
Chemicals	Lead and Copper Rule	4	0	1
Microbials	Ground Water Rule	43	17	39
Microbials	Long Term 1 Enhanced Surface Water Treatment Rule	2	2	2
Microbials	Long Term 2 Enhanced Surface Water Treatment Rule	10	3	7
Microbials	Revised Total Coliform Rule	32	17	22
Microbials	Surface Water Treatment Rule	7	2	7
		98	41	78