

## 2018 COMPLIANCE REPORT BY CHEMICAL CONTAMINANT

EPA Region	Primacy Agency Code	Rule	Violation Category	Contaminant Code	Contaminant	Number of Violations	Number of Resolved Violations	Number of Public Water Systems in Violation
4	KY	Surface Water Treatment Rules	Monitoring and Reporting	0100	TURBIDITY	14	13	10
4	KY	Surface Water Treatment Rules	Treatment Technique Violation	0300	Long Term 1 Enhanced Surface Water Treatment Rule	1	1	1
4	KY	Ground Water Rule	Monitoring and Reporting	0700	Ground Water Rule	4	2	4
4	KY	Ground Water Rule	Treatment Technique Violation	0700	Ground Water Rule	2	2	2
4	KY	Surface Water Treatment Rules	Monitoring and Reporting	0999	CHLORINE	11	10	10
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1005	ARSENIC	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1010	BARIUM	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1015	CADMIUM	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1020	CHROMIUM	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1024	CYANIDE	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1035	MERCURY	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1036	NICKEL	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1040	Nitrate	4	0	3
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1045	Selenium	1	0	1

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4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1074	Total Antimony	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1075	Total Beryllium	1	0	1
4	KY	Inorganic Chemicals Rule	Monitoring and Reporting	1085	Total Thallium	1	0	1
4	KY	Synthetic Organic Chemical Rule	Monitoring and Reporting	2037	Simazine	1	0	1
4	KY	Synthetic Organic Chemical Rule	Monitoring and Reporting	2050	Atrazine	1	0	1
4	KY	Stage 2 Disinfection Byproduct Rule	Monitoring and Reporting	2456	Total Haloacetic Acid 5	24	13	21
4	KY	Stage 2 Disinfection Byproduct Rule	Monitoring and Reporting	2950	Total Trihalomethane	31	13	28
4	KY	Stage 2 Disinfection Byproduct Rule	Maximum Contaminant Level Violation	2456	Total Haloacetic Acid 5	83	16	37
4	KY	Stage 2 Disinfection Byproduct Rule	Maximum Contaminant Level Violation	2950	Total Trihalomethane	27	12	14
4	KY	Stage 1 Disinfection Byproduct Rule	Monitoring and Reporting	2920	Total Carbon	7	3	3
4	KY	Stage 1 Disinfection Byproduct Rule	Treatment Technique Violation	2920	Total Carbon	5	0	2
4	KY	Consumer Confidence Rule	Other Violation	7000	Consumer Confidence Rule	20	3	20

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EPA Region	Primacy Agency Code	Rule	Violation Category	Contaminant Code	Contaminant	Number of Violations	Number of Resolved Violations	Number of Public Water Systems in Violation
4	KY	Public Notice Rule	Other Violation	7500	Public Notice	191	97	85
4	KY	Total Coliform Rules	Monitoring and Reporting	8000	Revised Total Coliform Rule	8	7	7
4	KY	Total Coliform Rules	Treatment Technique Violation	8000	Revised Total Coliform Rule	3	1	3
4	KY	Total Coliform Rules	Maximum Contaminant Level Violation	8000	Revised Total Coliform Rule	1	1	1
Totals						449	194	264