

TABLE IV-34.—TOOLBOX REPORTING REQUIREMENTS—Continued

Toolbox option (potential <i>Cryptosporidium</i> re- duction log credit)	You must submit the following items	On the following sched- ule ¹ (systems serving ≥10,000 people)	On the following sched- ule ¹ (systems serving < 10,000 people)
	Monthly verification of operation within State-approved condi- tions for demonstration of performance credit	Within 10 days following the month in which monitoring was con- ducted, beginning 72 months after promulga- tion	Within 10 days following the month in which monitoring was con- ducted, beginning 102 months after promulga- tion.

¹ States may allow an additional two years for systems making capital improvements.

Reporting requirements associated with disinfection profiling and benchmarking are summarized in Table IV-35 for large systems and in Table IV-36 for small systems.

TABLE IV-35.—DISINFECTION BENCHMARKING REPORTING REQUIREMENTS FOR LARGE SYSTEMS

System type	Benchmark component	Submit the following items	On the following schedule
Systems required to conduct <i>Cryptosporidium</i> monitoring.	Characterization of Disinfection Practices	<i>Giardia lamblia</i> and virus inactiva- tion profiles must be on file for State review during sanitary survey.	No later than 36 months after pro- mulgation.
	State Review of Proposed Changes to Dis- infection Practices.	Inactivation profiles and bench- mark determinations.	Prior to significant modification of disinfection practice.
Systems not required to conduct <i>Cryptosporidium</i> monitoring ¹ .	Applicability	None	None.
	Characterization of Disinfection Practices	None	None.
	State Review of Proposed Changes to Dis- infection Practices.	None	None.

¹Systems that provide at least 5.5 log of *Cryptosporidium* treatment consistent with a Bin 4 treatment implication are not required to conduct *Cryptosporidium* monitoring.

TABLE IV-36.—DISINFECTION BENCHMARKING REPORTING REQUIREMENTS FOR SMALL SYSTEMS

System type	Benchmark component	Submit the following items	On the following schedule
Systems required to conduct <i>Cryptosporidium</i> monitoring.	Characterization of Disinfection Practices	<i>Giardia lamblia</i> and virus inactiva- tion profiles must be on file for State review during sanitary survey.	No later than 66 months after pro- mulgation.
	State Review of Proposed Changes to Dis- infection Practices.	Inactivation profiles and bench- mark determinations.	Prior to significant modification of disinfection practice.
Systems not required to conduct <i>Cryptosporidium</i> monitoring and that exceed DBP trig- gers ^{1,2,3} .	Applicability Period	Notify State that profiling is re- quired based on DBP levels.	No later than 42 months after pro- mulgation.
	Characterization of Disinfection Practices	<i>Giardia lamblia</i> and virus inactiva- tion profiles must be on file for State review during sanitary survey.	No later than 54 months after pro- mulgation.
	State Review of Proposed Changes to Dis- infection Practices.	Inactivation profiles and bench- mark determinations.	Prior to significant modification of disinfection practice.
Systems not required to conduct <i>Cryptosporidium</i> monitoring and that do not exceed DBP triggers ^{2,3} .	Applicability Period	Notify State that profiling is not re- quired based on DBP levels.	No later than 42 months after pro- mulgation.
	Characterization of Disinfection Practices	None	None.
	State Review of Proposed Changes to Dis- infection Practices.	None	None.

¹ Systems that provide at least 5.5 log of *Cryptosporidium* treatment consistent with a Bin 4 treatment implication are not required to conduct *Cryptosporidium* monitoring.

² If the *E. coli* annual mean concentration is ≤ 10/100 mL for systems using lakes/reservoir sources or ≤ 50/100 mL for systems using flowing stream sources, the system is not required to conduct *Cryptosporidium* monitoring and will only be required to characterize disinfection practices if DBP triggers are exceeded.