

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 <sup>1</sup> (systems serving ≥10,000 people)	On the following sched- ule <sup>1</sup> (systems serving < 10,000 people)
Bank filtration (0.5 or 1.0 log) (new)	Initial demonstration of: Unconsolidated, predominantly sandy aquifer Setback distance of at least 25 ft. (0.5 log) or 50 ft. (1.0 log) If monthly average of daily max turbidity is greater than 1 NTU then system must report result and submit an assessment of the cause	Initial demonstration no later than 72 months after promulgation Report within 30 days fol- lowing the month in which the monitoring was conducted, begin- ning 72 months after promulgation	Initial demonstration no later than 102 months after promulgation. Report within 30 days fol- lowing the month in which the monitoring was conducted, begin- ning 102 months after promulgation.
Combined filter per- formance (0.5 log)	Monthly verification of: Combined filter effluent (CFE) turbidity levels less than or equal to 0.15 NTU in at least 95 percent of the 4 hour CFE measurements taken each month	Monthly reporting within 10 days following the month in which the monitoring was con- ducted, beginning on 72 months after promulga- tion	Monthly reporting: within 10 days following the month in which the monitoring was con- ducted, beginning on 102 months after pro- mulgation.
Membranes (MF, UF, NF, RO) (2.5 log or greater based on verification/integrity testing)	Initial demonstration of: Removal efficiency through challenge studies Methods of challenge studies meet rule criteria Integrity test results and baseline  Monthly report summarizing: All direct integrity test results above the control limit and the corrective action that was taken All indirect integrity monitoring results triggering direct integrity testing and the corrective action that was taken	No later than 72 months after promulgation  Within 10 days following the month in which monitoring was con- ducted, beginning 72 months after promulga- tion	No later than 102 months after promulgation.  Within 10 days following the month in which monitoring was con- ducted, beginning 102 months after promulga- tion.
Bag filters (1.0 log) and Cartridge filters (2.0 log)	Initial demonstration that the following criteria are met: Process meets the basic definition of bag or cartridge filtra- tion; Removal efficiency established through challenge testing that meets rule criteria Challenge test shows at least 2 and 3 log removal for bag and cartridge filters, respectively	No later than 72 months after promulgation	No later than 102 months after promulgation.
Chlorine dioxide (log credit based on CT)	Summary of CT values for each day and log inactivation based on tables in section IV.C.14	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.
Ozone (log credit based on CT)	Summary of CT values for each day and log inactivation based on tables in section IV.C.14	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.
UV (log credit based UV dose and oper- ating within vali- dated conditions)	Results from reactor validation testing demonstrating oper- ating conditions that achieve required UV dose  Monthly report summarizing the percentage of water entering the distribution system that was not treated by UV reactors operating within validated conditions for the required UV dose in section IV.C.15	No later than 72 months after promulgation  Within 10 days following the month in which monitoring was con- ducted, beginning 72 months after promulga- tion	No later than 102 months after promulgation.  Within 10 days following the month in which monitoring was con- ducted, beginning 102 months after promulga- tion.
Individual filter per- formance (1.0 log)	Monthly verification of the following, based on continuous monitoring of turbidity for each individual filter: Filtered water turbidity less than 0.1 NTU in at least 95 per- cent of the daily maximum values from individual filters (ex- cluding 15 minute period following start up after backwashes) No individual filter with a measured turbidity greater than 0.3 NTU in two consecutive measurements taken 15 minutes apart	Monthly reporting within 10 days following the month in which the monitoring was con- ducted, beginning on 72 months after promulga- tion	Monthly reporting: within 10 days following the month in which the monitoring was con- ducted, beginning 102 months after promulga- tion.
Demonstration of Per- formance	Results from testing following State approved protocol .....	No later than 72 months after promulgation	No later than 102 months after promulgation.