

**\*\*\*DRAFT - NOT FOR FILING\*\*\***

**3745-81-69 Reporting and recordkeeping requirements for LT2 only.**

(A) Reporting requirements.

- (1) Systems shall report sampling schedules in accordance with paragraph (I) of rule 3745-81-65 of the Administrative Code and source water monitoring results in accordance with paragraph (A) of rule 3745-81-66 of the Administrative Code unless they notify the director that they will not conduct source water monitoring due to meeting the criteria of paragraph (D) of rule 3745-81-65 of the Administrative Code.
- (2) Systems shall report their Cryptosporidium bin classification as described in paragraphs (A) to (D) of rule 3745-81-67 of the Administrative Code.
- (3) Systems shall report disinfection profiles and benchmarks to the director as described in paragraph (E) of rule 3745-81-72 of the Administrative Code prior to making a significant change in disinfection practice.
- (4) Systems shall report to the director in accordance with the following table for any microbial toolbox options used to comply with treatment requirements in accordance with paragraph (E) of rule 3745-81-67 of the Administrative Code. Alternatively, the director may approve a system to certify operation within required parameters for treatment credit rather than reporting monthly operational data for toolbox options.

MICROBIAL TOOLBOX REPORTING REQUIREMENTS		
Toolbox Option	Systems shall submit the following information	On the following schedule
(1) Watershed control program (WCP)	(i) Notice of intention to develop a new or continue an existing watershed control program.	No later than two years before the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
	(ii) Watershed control plan.	No later than one year before the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
	(iii) Annual watershed control program status report.	Every twelve months, beginning one year after

### MICROBIAL TOOLBOX REPORTING REQUIREMENTS

Toolbox Option	Systems shall submit the following information	On the following schedule
	(iv) Watershed sanitary survey report.	<p>the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>For community water systems, every three years beginning three years after the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code. For noncommunity water systems, every five years beginning five years after the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p>
(2) Alternative source/intake management	Verification that system has relocated the intake or adopted the intake withdrawal procedure reflected in monitoring results.	No later than the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(3) Presedimentation	Monthly verification of the following: (i) Continuous basin operation (ii) Treatment of 100 per cent of the flow (iii) Continuous addition of a coagulant (iv) At least 0.5-log mean reduction of influent turbidity or compliance with alternative director-approved performance criteria.	Monthly reporting within ten days following the month in which the monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.

### MICROBIAL TOOLBOX REPORTING REQUIREMENTS

Toolbox Option	Systems shall submit the following information	On the following schedule
(4) Two-stage lime softening	Monthly verification of the following: (i) Chemical addition and hardness precipitation occurred in two separate and sequential softening stages prior to filtration (ii) Both stages treated 100 per cent of the plant flow.	Monthly reporting within ten days following the month in which the monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(5) Bank filtration	<p>(i) Initial demonstration of the following: (A) Unconsolidated, predominantly sandy aquifer (B) Setback distance of at least 25 ft. (0.5-log credit) or 50 ft. (1.0-log credit).</p> <p>(ii) If monthly average of daily max turbidity is greater than 1 NTU then system shall report result and submit an assessment of the cause.</p>	<p>No later than the applicable treatment compliance date as specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>Report within thirty days following the month in which the monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p>
(6) Combined filter performance	Monthly verification of combined filter effluent (CFE) turbidity levels less than or equal to 0.15 NTU in at least 95 per cent of the 4 hour CFE measurements taken each month.	Monthly reporting within ten days following the month in which the monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.

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Toolbox Option	Systems shall submit the following information	On the following schedule
(7) Individual filter performance	Monthly verification of the following: (i) Individual filter effluent (IFE ) turbidity levels less than or equal to 0.15 NTU in at least 95 per cent of samples each month in each filter (ii) No individual filter greater than 0.3 NTU in two consecutive readings 15 minutes apart.	Monthly reporting within ten days following the month in which the monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(8) Demonstration of performance	<p>(i) Results from testing following a protocol acceptable to the director.</p> <p>(ii) As required by the director, monthly verification of operation within conditions of director approval for demonstration of performance credit.</p>	<p>No later than the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p>
(9) Bag filters and cartridge filters	<p>(i) Demonstration that the following criteria are met: (A) Process meets the definition of bag or cartridge filtration; (B) Removal efficiency established through challenge testing that meets criteria of rule 3745-81-68 of the Administrative Code.</p> <p>(ii) Monthly verification that 100 per cent of plant flow was filtered.</p>	<p>No later than the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date specified</p>

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Toolbox Option	Systems shall submit the following information	On the following schedule
		in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(10) Membrane filtration	<p>(i) Results of verification testing demonstrating the following: (A) Removal efficiency established through challenge testing that meets criteria of rule 3745-81-68 of the Administrative Code; (B) Integrity test method and parameters, including resolution, sensitivity, test frequency, control limits, and associated baseline.</p> <p>(ii) Monthly report summarizing the following: (A) All direct integrity tests above the control limit; (B) if applicable, any turbidity or alternative state-approved indirect integrity monitoring results triggering direct integrity testing and the corrective action that was taken.</p>	<p>No later than the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p>
(11) Second stage filtration	Monthly verification that 100 per cent of flow was filtered through both stages and that first stage was preceded by coagulation step.	Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(12) Slow sand filtration (as secondary filter)	Monthly verification that both a slow sand filter and a preceding separate stage of filtration treated 100 per cent of flow.	Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date specified in paragraph (F) of rule

MICROBIAL TOOLBOX REPORTING REQUIREMENTS		
Toolbox Option	Systems shall submit the following information	On the following schedule
		3745-81-67 of the Administrative Code.
(13) Chlorine dioxide	Summary of CT values for each day as described in paragraph (N) of rule 3745-81-68 of the Administrative Code.	Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(14) Ozone	Summary of CT values for each day as described in paragraph (N) of rule 3745-81-68 of the Administrative Code.	Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code.
(15) UV	<p>(i) Validation test results demonstrating operating conditions that achieve required UV dose.</p> <p>(ii) 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 dose as specified in paragraph (N)(4) of rule 3745-81-68 of the Administrative Code.</p>	<p>No later than the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p> <p>Within ten days following the month in which monitoring was conducted, beginning on the applicable treatment compliance date in paragraph (F) of rule 3745-81-67 of the Administrative Code.</p>

(B) Recordkeeping requirements.

- (1) Systems shall keep results from the initial round of source water monitoring in accordance with paragraph (A) of rule 3745-81-65 of the Administrative Code and the second round of source water monitoring in accordance with paragraph (B) of rule 3745-81-65 of the Administrative Code until three years after bin classification in accordance with paragraphs (A) to (D) of rule 3745-81-67 for the particular round of monitoring.
- (2) Systems shall keep any notification to the director that they will not conduct source water monitoring due to meeting the criteria of paragraph (D) of rule 3745-81-65 of the Administrative Code for three years.
- (3) Systems shall keep the results of treatment monitoring associated with microbial toolbox options in accordance with paragraphs (B) to (N) of rule 3745-81-68 of the Administrative Code, as applicable, for three years.

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