

WATER QUALITY AND TREATMENT DIVISION
TABLE 1 - MICROBIOLOGICAL AND CYANOTOXIN ANALYSES FY2026 (Jul 2025 - Jun 2026)

	2026	2025	2024	2023	2022	2021
Total Coliform Bacteria						
<i>Raw Water (MPN per 100 mL): Miller Plant</i>						
Average	5,268	3,475	2,268	1,460	2,795	1,394
Maximum Monthly Average	29,091	7,851	8,943	3,545	6,500	3,336
Maximum Day	48,392	14,616	39,726	7,746	17,328	11,855
Minimum Monthly Average	238	719	128	161	360	294
Minimum Day	216	167	64	67	10	69
<i>Distribution Finished Water (presence/absence)**</i>						
Number of Positive Samples (annual % positive)	0 (0.0%)	1 (0.03%)	0 (0.0%)	3 (0.1%)	5 (0.2%)	1 (0.03%)
Number of Samples	3,268	3,070	3,042	3,053	3,142	3107
E. coli Bacteria						
<i>Raw Water (MPN per 100 mL): Miller Plant</i>						
Average	28	89	86	41	110	68
Maximum Monthly Average	104	419	258	152	355	148
Maximum Day	119	828	1,672	403	727	435
Minimum Monthly Average	*	*	1	1	*	*
Minimum Day	*	*	*	*	*	*
Giardia Cysts						
Number per 100 LITERS						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	2	2	2	2	4	5
Average of Detections	6	91	12	25	30	168
Minimum Detection	*	*	*	5	7	20
Maximum Detection	13	360	40	44	68	420
Number of Samples	4	4	4	4	8	12
<i>Finished Water: Miller Plant</i>						
Number of Positive Samples	0	0	0	0	0	0
Number of Samples	4	4	4	4	6	12
Cryptosporidium Oocysts						
Number per 100 LITERS						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	3	0	1	1	0	1
Average of Detections	6	*	1.3	9	0	13
Minimum Detection	*	*	*	0	0	13
Maximum Detection	9	*	5	9	0	13
Number of Samples	4	4	4	4	8	12
<i>Finished Water: Miller Plant</i>						
Number of Positive Samples	0	0	0	0	0	0
Number of Samples	4	4	4	4	6	12

* Below Detection Limit

**The OEPA Revised Total Coliform Rule requires an assessment of a Distribution system when more than

5.0 percent of the total number of samples collected from the system during a month are total

coliform-positive. The monthly percentage of samples collected from the combined Miller/Bolton Distribution System

that were total coliform positive was below this requirement.

MPN - most probable number

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TABLE 1 (cont) - MICROBIOLOGICAL AND CYANOTOXIN ANALYSES FY2026 (Jul 2025 - Jun 2026)

	2026	2025	2024	2023	2022	2021
Cyanotoxin - Microcystin						
µg per LITER						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	0	0	0	0	0	0
Average of Detections	*	*	*	*	*	*
Minimum Detection	*	*	*	*	*	*
Maximum Detection	*	*	*	*	*	*
Number of Samples	28	26	28	26	29	26
<i>Finished Water: Miller Plant</i>						
Number of Positive Samples	0	0	Included Finished water starting in FY2025			
Average of Detections	*	*				
Minimum Detection	*	*				
Maximum Detection	*	*				
Number of Samples	28	26				
Microcystin Gene Copies (GC)						
GC per µL						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	0	1	0	0	0	0
Average of Detections	*	0.06	*	*	*	*
Minimum Detection	*	*	*	*	*	*
Maximum Detection	*	0.72	*	*	*	*
Number of Samples	13	13	13	13	14	14
Cylindrospermopsin GC						
GC per µL						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	0	0	0	0	0	0
Number of Samples	13	13	13	13	14	14
Saxitoxin GC						
GC per µL						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	0	0	1	0	0	0
Average of Detections	*	*	*	*	*	*
Minimum Detection	*	*	*	*	*	*
Maximum Detection	*	*	*	*	*	*
Number of Samples	13	13	13	13	14	14
Total Cyanobacteria GC						
GC per µL						
<i>Raw Water: Miller Plant</i>						
Number of Positive Samples	13	13	13	13	14	14
Average of Detections	37	87	63	105	197	170
Minimum Detection	1	2	4.2	0.3	26	23
Maximum Detection	123	351	253	461	673	391
Number of Samples	13	13	13	13	14	14

* Below Detection Limit