



2023 Framingham Bathing Beach Water Quality Results

Water samples are typically taken weekly during the Summer Operating Season and tested for *E. Coli* (*Escherichia Coli*). According to the "Minimum Standards for Bathing Beaches - State Sanitary Code, Chapter VII", **no single *E. Coli* sample shall exceed 235 colonies per 100 ml and the GM (geometric mean) of the most recent five samples shall not exceed 126 colonies per 100 ml. Cyanobacterial levels shall not exceed 70,000 cells per ml.**

Date Sampled	Lab Report Date	Learned Pond	Saxonville Beach	Wavshakum Lake	Comments												
9/6/23	9/7/23	Sample not taken	See Comments for Cyanobacteria testing results from MDPH. In order to lift the no swim advisory, a second round of sampling below the guideline level must be obtained.	Sample not taken	<table border="1"> <thead> <tr> <th>Sample Location</th> <th>Cyanobacteria (cells/ml)</th> <th>Microcystin (ppb)</th> </tr> </thead> <tbody> <tr> <td>Wayland Town Beach (North Pond)</td> <td style="color: green;">4,000</td> <td><1</td> </tr> <tr> <td>DCR Beach (Middle Pond)</td> <td style="color: green;">7,800</td> <td><1</td> </tr> <tr> <td>Pegan Cove (South Pond)</td> <td style="color: green;">28,000</td> <td>2</td> </tr> </tbody> </table>	Sample Location	Cyanobacteria (cells/ml)	Microcystin (ppb)	Wayland Town Beach (North Pond)	4,000	<1	DCR Beach (Middle Pond)	7,800	<1	Pegan Cove (South Pond)	28,000	2
					Sample Location	Cyanobacteria (cells/ml)	Microcystin (ppb)										
					Wayland Town Beach (North Pond)	4,000	<1										
					DCR Beach (Middle Pond)	7,800	<1										
Pegan Cove (South Pond)	28,000	2															
8/31/23	9/1/23	Sample not taken	No Swimming due to Cyanobacteria	61,000 Cyanobacteria <1 ppb Microcystin	The swimming season has come to an end. The bathing beach water will no longer be tested. Swimming is at your own risk.												
8/28/23	8/29/23	336 Failed GM = 107 No Swimming	48 Passed GM = 32 No Swimming due to Cyanobacteria	168 Passed GM = 183 No Swimming due to high GM & Cyanobacteria	This is the last week for bacterial sampling. On 8/23/23, MDPH sampled Wavshakum for cyanobacteria. The results were 13,000 cells/ml which is below the guideline level of 70,000 cells/ml however, two rounds of samples below the guideline level are required in order to lift the advisory.												

Date Sampled	Lab Report Date	Learned Pond	Saxonville Beach	Waushakum Lake	Comments
8/21/23	8/22/23	48 Passed GM = 109 Passed Swimming Allowed	88 Passed GM = 31 Passed No Swimming due to Cyanobacteria	440 Failed GM = 179 Failed No Swimming due to bacteria & Cyanobacteria	MDPH sampled Waushakum Lake & samples were taken North Pond of Lake Cochituate. Both samples exceeded MDPH guidance level of 70,000 cells/ml for cyanobacteria. Swimming is not permitted at Saxonville & Waushakum Lake.
8/14/23	8/15/23	56 Passed GM = 122 Passed Swimming Allowed	24 Passed GM = 35 No Swimming due to Cyanobacteria	392 Failed GM = 151 Failed No Swimming due to bacteria & Cyanobacteria	MDPH sampled Waushakum Lake & samples were taken North Pond of Lake Cochituate. Both samples exceeded MDPH guidance level of 70,000 cells/ml for cyanobacteria. Swimming is not permitted at Saxonville & Waushakum Lake.
8/10/23	8/11/23	GM = 238 Failed No Swimming	Cyanobacteria = 150,000 cells/ml No Swimming	Cyanobacteria = 130,000 cells/ml No Swimming	MDPH sampled Waushakum Lake for cyanobacteria. Results exceeded MDPH guidance level of 70,000 cells/ml. Swimming is not permitted at all three lakes
Taken by the Town of Wayland	8/10/23	GM = 238 Failed No Swimming	Cyanobacteria = 150,000 cells/ml No Swimming	No Swimming due to Cyanobacteria	Samples were taken in the North Pond of Lake Cochituate which exceeded MDPH guidance level of 70,000 cells/ml for cyanobacteria. Swimming is not permitted. Swimming still is not permitted at Learned & Waushakum for the reasons listed below.
8/7/23	8/8/23	88 Passed GM = 238 Failed No Swimming	10 Passed GM = 45 Passed Swimming Allowed	48 Passed GM = 124 Passed No Swimming due to Cyanobacteria	MDPH tested Waushakum Lake for cyanobacteria and due to elevated levels, swimming is not permitted. Swimming is not permitted at Learned due to high geometric mean.
8/2/23	8/3/23	180 Passed GM = 226 Failed No Swimming	Not Tested Swimming Allowed	148 Passed GM = 247 Failed No Swimming	Due to high geometric mean, swimming is not permitted at Learned. Swimming is not permitted at Waushakum due to high geometric mean and cyanobacteria.

Date Sampled	Lab Report Date	Learned Pond	Saxonville Beach	Waushakum Lake	Comments
8/1/23	8/2/23	No Swimming Due to high E. Coli count	Swimming Allowed	Cyanobacteria = 98,000 cells/ml No Swimming	MDPH tested Waushakum Lake for cyanobacteria. Due to elevated levels, swimming is not permitted. Swimming is still not permitted at Learned due to elevated E. Coli count. For information about cyanobacteria, visit: https://www.mass.gov/lists/algae-information
7/31/23	8/1/23	356 Failed GM = 249 Failed No Swimming	32 Passed GM = 62 Passed Swimming Allowed	148 Passed GM = 364 Failed No Swimming	Due to elevated bacteria at Learned Pond & geometric means above 126 at both Learned & Waushakum, swimming is not permitted.
7/27/23	7/28/23	84 Passed GM = 206 Failed No Swimming	Not Sampled	Not Sampled	Since the geometric mean is above 126, swimming is not permitted at Learned.
7/24/23	7/25/23	>1600 Failed GM = 184 Failed No Swimming	44 Passed GM = 60 Passed Swimming Allowed	188 Passed GM = 184 Failed No Swimming Pending Algal Lab Results	Due to elevated bacteria, swimming is not allowed at Learned. Since GM is above 126 & algal lab results are pending, swimming is not permitted at Waushakum.
7/20/23	7/21/23	68 Passed GM = 86 Swimming Allowed	Not Sampled	148 Passed GM = 503 Failed Algae Observed	Since the geometric mean is above 126 and algae was observed, swimming is not permitted at Waushakum.
7/17/23	7/18/23	296 Failed GM = 115	160 Passed GM = 77	1500 Failed GM = 709 Failed No Swimming	Due to elevated bacteria, swimming is not allowed at Waushakum & Learned.

Date Sampled	Lab Report Date	Learned Pond	Saxonville Beach	Wauhakum Lake	Comments
7/13/23	7/14/23	Not Sampled	Not Sampled	1040 Failed GM = 516 Failed No Swimming	Due to elevated bacteria & high GM, swimming is not allowed at Wauhakum.
7/12/23	7/13/23	Not Sampled	Not Sampled	372 Failed GM = 283 Failed No Swimming	Due to elevated bacteria & high GM, swimming is not allowed at Wauhakum.
7/10/23	7/11/23	136 Passed GM = 120 Swimming Allowed	84 Passed GM = 122	376 Failed GM = 273 Failed No Swimming	Due to elevated bacteria & high GM, swimming is not allowed at Wauhakum.
7/6/23	7/7/23	48 Passed GM = 133 Failed No Swimming	48 Passed GM = 107 Swimming is Allowed	820 Failed GM = 203 Failed No Swimming	Due to elevated bacteria & high GM, swimming is not allowed at Wauhakum & Learned.
6/28/23	6/29/23	Not Sampled	Not Sampled	148 Passed GM = 129 No Swimming	Since the geometric mean is above 126, swimming is not permitted
6/26/23	6/27/23	36 Passed	28 Passed	324 Failed No Swimming	Due to elevated bacteria results, swimming is not allowed at Wauhakum Beach.
6/22/23	6/23/23	292 Failed No Swimming	Not Sampled	Not Sampled	Due to elevated bacteria results, swimming is not allowed at Learned Pond.
6/21/23	6/22/23	360 Failed No Swimming	148 Passed	Not Sampled	Swimming is allowed at Saxonville Beach. Due to elevated bacteria results, swimming is not allowed at Learned Pond.
6/19/23	6/20/23	228 Passed	>1600 Failed No Swimming	116 Passed Sample 2 Cyanobacteria Level = 6,800 cells/ml	Swimming Advisory has been lifted at Wauhakum Lake & Swimming is allowed.

Date Sampled	Lab Report Date	Learned Pond	Saxonville Beach	Waushakum Lake	Comments
6/12/23	6/13/23	10 Passed	45 Passed	160 Passed Sample 1 Cyanobacteria Level = 6,300 cells/ml	MDPH sampled Waushakum Lake to test for cyanobacteria. The results were below the MDPH guideline level & toxin microcystin was not detected in the sample. MDPH requires two rounds of samples below the guideline level, collected a week apart before rescinding the no swim advisory.
6/5/23	6/6/23	148 Passed	20 Passed	40 Passed However, due to algal bloom, swimming is not permitted	Once bloom has completely cleared, DPH will test the water for cyanobacteria.
5/31/23	6/1/23	5 Passed	108 Passed	5 Passed However, due to algal bloom, swimming is not permitted	For more information on Algal Bloom, visit: https://www.mass.gov/lists/algae-information
5/22/23	5/23/23	10 Passed	5 Passed	12 Passed	
5/15/23	5/16/23	<5 Passed	10 Passed	100 Passed	
5/8/23	5/9/23	12 Passed	76 Passed	<5 Passed	
5/1/23	5/2/23	<10 Passed	<10 Passed	55 Passed	