Lake Massapoag E-Coli Results for Swimming Areas (Town Public and Other Beaches) 2022 and Comparison

	Town Public Swimming Area Beaches						Other Swimming Areas (non-public beaches)							
Date (weekly & retests)	Memorial Beach Swim Docks	Geo-mean	Memorial Beach Center	Geo-mean	Community Center Beach	Geo-mean	Camp Wonderland	Geo-mean	Camp Everwood/ Gannett	Geo-mean	Camp Everwood	Geo-mean	Massapoag Yacht Club	Geo-mean
6/6/2022									20		<5			
6/13/2022	20		5										<5	
6/20/2022	<5		5		68		<5 (6/23)		15		10		64	
6/27/2022	16		32		260*!		5		<5		20		<5	
6/28/2022					160									
7/5/2022							10		10		5		<5	
7/6/2022	10		152		1340*!									
7/8/2022					<5	103								
7/11/2022	<5	8	5	14	15	76	<5		20		25		<5	
7/18/2022	5	9	15	18	16	40	5		60		20		<5	
7/25/2022	5	9	15	18	16	40	5		60		20		<5	
8/1/2022	5	7	76	21	116	24			48		8		<5	
8/8/2022	24	19	20	14	800*!	74	176		25		10		<5	
8/10/2022					12	78								
8/14/2022				closed for season										
8/15/2022	<5	7	5	14	20	51	closed		52		20		10	
8/21/2022	closed for season													
8/22/2022	< 5	7	24	19	1380	133	closed		16		5		5	
8/29/2022	< 5	6	16	20	296	238	closed		closed		closed		10	
9/6/2022	<5	4	<5	10	108	234	closed		closed		closed		10	
9/12/2022	5	3	52	12	600	221	closed		closed		closed			
9/19/2022	10	4	8	14	96	303	closed		closed		closed			
9/26/2022	10	5	16	13	<5	89	closed		closed		closed			
% high E. coli, 2022 season					50%									
Historical:														
% high E. coli, early 80s			22%		5%		5%		8%		5%			
% high total coliform, early 80s			16%		8%		20%		6%		12%			
Beach Site #	1		2		3		4		5		6		7	

NOTES:

Insert new rows to enter retest dates and results after a high E. coli reading, change date as needed for holiday.

Limit for Swimming Areas <235 colonies/100 ml. Geomean is a 5 test average. Must be <126.

Geomean: Geometric mean of 5 sample results (126 cfu violation) **Geomean Calculator:** http://www.graftacs.com/geomean.php

KEY: **Star * =** * In violation of regulations-retested **Exclamation ! =** Beach closed **NT =** No sample taken/tested

COLOR KEY **E. coli closure:** **Algae closure:**

SOURCE 2022: Sharon Board of Health, https://www.townofsharon.net/health-department/pages/swimming-beach-and-lake-testing

SOURCE 1980s: IEP Inc., https://www.townofsharon.net/lake-management-study-committee/files/diagnosticfeasibility-study-lake-massapoag-iep-1984

Source: Sharon Board of Health (E.coli data)