

Independent Safety Officer Pre Race Report
 Illinois Swimming Open Water State Championships
 Manteno Sportsman Club/Lake Manteno, Manteno, IL
 Tuesday, August 8th, 2023

1. Water Quality and Air Temperature

DATE	TIME	AIR TEMP	WATER TEMP	BACTERIA SHALLOW	BACTERIA DEEP
7/6/23	9:05a	N/A	N/A	67.7 MPN	24.6 MPN
7/13/23	9:00a	70.2	77.2	N/A	N/A
7/17/23	8:40a	69.4	80.6	18.5 MPN	6.2 MPN
7/21/21	9:35a	73.2	81.7	8.5 MPN	5.2 MPN
7/28/23	8:45a	N/A	N/A	58.3 MPN	44.8 MPN
7/31/23	10:15a	88.0	84.4	10.7 MPN	5.2 MPN
8/3/23	8:15a	70.5	83.1	14.5 MPN	6.3 MPN
8/4/23	9:15a	89.8	84.6	5.2 MPN	2.0 MPN

Beaches should contain less than 235 organisms of Escherichia coil per 100 milliliters (IL Admin. Code Title 77)

2. Air and Water Temperature Parameters

- a. USA Swimming standards for Open Water (2023 rulebook):
 702.2 WATER/AIR TEMPERATURE — The race shall not begin if the following conditions are not satisfied:
 - .1 The water temperature shall not be less than 16.0° C (60.8° F).
 - .2 For races of 5k and above, the water temperature shall not exceed 29.45° C (85° F).
 - .3 The air temperature and water temperature when added together shall not be less than 47.8° C (118° F) nor greater than 80.8° C (177.4° F).
 - .4 The water temperature shall be checked the day of the race, two (2) hours before the start, on the course at a depth of 40 cm (15.75 inches).
- b. **Air and Water temperatures are within USA Swimming parameters, as of 8/6**

3. Safety Plan items confirmed

	Competition 8/8
Lifeguards	12
Kayaks	12
Internal Combustion boats	4

4. 2 day projected weather

	Temp High	Temp Low	% Precipitation	Wind MPH
August 7, 2023	73	58	68%	12 MPH
August 8, 2023	81	59	24%	9 MPH

5. Air Quality Recent Trends

	Air Quality Index	Category
July 28, 2023	54	Moderate
July 29, 2023	46	Good
July 30, 2023	36	Good
Jul 31, 2023	51	Moderate
Aug 1, 2023	50	Good
August 2, 2023	48	Good
August 3, 2023	105	Unhealthy
Aug 4, 2023	71	Moderate
Aug 5, 2023	65	Moderate
Aug 6, 2023	59	Moderate

John Shenberger
 Independent Safety Officer
 708-921-1157