

Independent Safety Officer Pre-Event Report 6/3/2024

2024 Central Zone Open Water Championship
Sanction# WI2024-541OW
Pleasant Prairie RecPlex / Lake Andrea Beach
Central Zone Open Water Clinic: Thursday, June 13, 2024
Competition: Friday, June 14, 2024

I. 2023 Water Quality Testing Results for Lake Andrea

- a. Measurement of Coliform bacterial concentration.

	5/23	5/29
cfu/100 ml	1.0	1.0

cfu/100 ml = colony forming units/100 ml

- b. Village of Pleasant Prairie thresholds for water testing results:

0-235: Safe

236-1000: Swim Advisory

Over 1000: Beaches Close

- c. **Water quality is in the Safe zone as of 5/29.**
d. There has been no flooding in the area, and the lake is spring fed with no bodies of water or water tributaries that enter the lake.
e. Weekly testing will continue.

II. Lake Andrea Air and Water Temperatures

- a. Temperatures taken approximately 10:00 AM.
b. Results:

	5/23	5/29
Water Temperature (°F)	71.2	68
Air Temperature (°F)	71	62
Air + Water Temp. (°F)	142.2	130

III. Air and Water Temperature Parameters

- a. USA Swimming standards for Open Water (2024 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 5/29.**

- c. Temperature monitoring will continue weekly and on the days of the Clinic and Competition.
- d. Use of wetsuits (from the Meet Announcement)
 - i. For the 5k race, use of wetsuits shall follow World Aquatics rules (Competition-Regulations-version-1st-January-2024-.pdf (fina.org)), where wetsuits are compulsory for water temperatures below 18C (64.4F). Wetsuits shall follow World Aquatics rules for Approved Swimwear (worldaquatics.com), where wetsuits (for both men and women) shall completely cover torso, back, shoulders and knees. They shall not extend beyond the neck, wrists and ankles. In water temperatures above 18C, athletes are encouraged to wear Open Water swimsuits. Open water swimsuits (men and women) shall not cover the neck, nor extend past the shoulder, nor extend below the ankle.
 - ii. For all other races, if water temperatures are below 18C (64.4F), participants may use either swimsuits or wetsuits.

IV. Air Quality/Wildfire Smoke

- a. There are some Canadian wildfires, largely residual from last year, in the western Canadian provinces.
- b. Currently, they are not affecting air quality in the US.
- c. As of June 3, air quality is in the green zone (good) in the Pleasant Prairie area, though Ozone is in the moderate zone (and expected to clear in the next two days).
- d. **Air quality is overall good at this time and will continue to be monitored.**

V. Cicadas

- a. Cicadas started emerging in Wisconsin about a week ago, at the end of May.
- b. There are unverified reports of cicada presence in western Kenosha County, but large numbers have not emerged in the Pleasant Prairie area, yet.

VI. Projected Weather Forecast for Clinic 6/13 and Competition 6/14

	Temp. High (°F)	Temp. Low (°F)	% Precipitation	Humidity	UV Index	Wind mph
Clinic 6/13	69-73	55-60	20-50 Showers mostly in the morning, occasional in the afternoon.	64%	3 Moderate	W 10- 12
Competition 6/14	72-74	57-61	13-38 Chance of isolated showers.	64%	9 Very high	ESE 5-10

- a. Weather forecast obtained from projections of three weather services.
- b. No severe weather predicted at this time on the day of the clinic or competition.**
- c. Next report to be sent on 6/7/2024**

VII. Safety Plan Documents to be Posted on Meet Landing Page

- a. Lake Andrea: Open Water Venue Overview
- b. 2024 Central Zone Open Water Safety Plan
- c. 2024 Central Zone Open Water Clinic Safety Protocol
- d. Lake Andrea/Central Zone Open Water– EMERGENCY ACTION PLAN (revised)
- e. Lake Andrea Lightning Emergency Action Plan

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6/3/2024