

Risk Assessment Report

Event Name: Sprint

Event Identifier: QLD7958

Swim

Hazard	Risk	Control Measure
Large Competitor Numbers	Competitor injury	Design wave starts at appropriate intervals to minimise congestion
Low Water Quality	Infections to competitors	Assess water quality prior to race start and cancel swim leg if water quality is deemed unacceptable
Deterioration in Water Conditions	Competitor injury or drowning	Assess water conditions prior to race start. Ensure water safety is sufficient for current conditions. Consider redesign of swim course. Cancel swim leg if water conditions are deemed unacceptable.
Deterioration in Atmospheric Conditions	Lightning strike to competitors	Assess atmospheric conditions prior to and during the swim leg. Consider delaying the race start or cancelling the swim leg if conditions are unacceptable. If conditions deteriorate during the race, implement the Emergency Response Plan to evacuate the swim course.
Marine hazards	low	Watch and read SLS Reports contact SLS prior to event, have evacuation plan and brief competitors

Bike

Hazard	Risk	Control Measure
Helmet and Bike Condition	Competitor injury due to unsafe bike	Remind competitors that they are responsible for the safety of their own equipment
Helmet and Bike Condition	Competitor injury due to unsafe bike	Provide an opportunity for Technical Officials to inspect competitors' equipment and fastening of helmets
Large Competitor Numbers	Competitor injury due to collision with another competitor	Design swim wave starts at appropriate intervals to minimise congestion
Large Competitor Numbers	Competitors gain an unfair advantage due to drafting	Design swim wave starts at appropriate intervals to minimise congestion
Large Competitor Numbers	Competitors gain an unfair advantage due to drafting	Provide motorcycles for use by Technical Officials
Course layout	Competitor injury due to collisions with spectators	Install fencing and controlled crossings in areas of high spectator traffic, as described in the Traffic Management Plan (attached)
Course layout	Competitor injury due to collisions with other road users	Signage, barriers and marshals located at high risk locations, as described in the Traffic Management Plan (attached)
Poor road conditions	Competitor injury	Assess road conditions prior to race start. Consider redesign of bike course. Advise competitors of any hazards on the bike course. Marshals, signage, ambulances located at high risk locations as described in the Traffic Management

Hazard	Risk	Control Measure
High winds, torrential rain	Competitor injury	Assess atmospheric conditions prior to and during the bike leg. Consider delaying the race start or cancelling the bike leg if conditions are unacceptable. If conditions deteriorate during the race, implement the Emergency Response Plan to evacuate the bike course.

Open Roads	low	Brief athletes
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Run

Hazard	Risk	Control Measure
Infection	Competitor sickness due to infection from a volunteer	Ensure that all volunteers wear hygienic gloves when dealing with food and drinks
Competitor Fitness	Competitor injury due to dehydration, exhaustion	Ensure sufficient aid stations on the run course
Competitor Fitness	Competitor injury due to dehydration, exhaustion	Access to medical assistance at the completion of the race
Competitor Fitness	Competitor injury due to dehydration, exhaustion	Pre-race advice to competitors to ensure sufficient hydration throughout the race
Extreme weather conditions	Competitor injury due to high winds, lightning or extreme heat	Assess atmospheric conditions prior to and during the race. Consider delaying the race start if conditions are unacceptable. If conditions deteriorate during the race, implement the Emergency Response Plan to evacuate the run course
Extreme weather conditions	Competitor injury due to high winds, lightning or extreme heat	Consider locating additional aid stations if heat is extreme.
Course layout	Competitor injury due to a collision with a competitor on the bike course	Ensure a safe separation between the bike course and the run course.

Paddle

Hazard	Risk	Control Measure
Large Competitor Numbers	Competitor injury	Design swim wave starts at appropriate intervals to minimise congestion on paddle course
Difficulty in locating all competitors	Competitor injury	All competitors to wear high visibility singlets or personal floatation devices
Low Water Quality	Infections to competitors	Assess water quality prior to race start and cancel paddle leg if water quality is deemed unacceptable
Deterioration in Water Conditions	Competitor injury or drowning	Assess water conditions prior to race start. Ensure water safety is sufficient for current conditions. Consider redesign of paddle course. Cancel paddle leg if water conditions are deemed unacceptable.
Deterioration in Atmospheric Conditions	Lightning strike to competitors	Assess atmospheric conditions prior to and during the paddle leg. Consider delaying the race start or cancelling the paddle leg if conditions are unacceptable. If conditions deteriorate during the race, implement the Emergency Response Plan to evacuate the paddle course.