



Cambridge Autumn Regatta

Cambridge '99 Rowing Club, The Boat House, Kimberley Road, Cambridge, CB4 1HJ

Website: <http://cambridge99.org/autumn-regatta/>

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Risk Assessment for Cambridge Autumn Regatta

Date of event: Sunday 10th September 2017

Location: Ditton Meadows, Fen Ditton

Date of risk assessment: 27 August 2017

Assessor's name: Lianne Stanford

Risk Assessment Matrix

SEVERITY OF OUTCOME			
Probability of Accidents	Slightly harmful (Low)	Harmful (Medium)	Extremely Harmful (High)
Highly unlikely (Low)	Trivial Risk	Tolerable Risk	Moderate Risk
Unlikely (Medium)	Tolerable Risk	Moderate Risk	Substantial Risk
Likely (High)	Moderate Risk	Substantial Risk	Intolerable Risk

Risks and Actions

RISK LEVEL	ACTION AND TIMESCALE
Trivial	No action Required
Tolerable	No additional controls are required. Consideration may be given to a more effective solution or improvement.
Moderate	Efforts should be made to reduce the risk. Risk reduction measures should be implemented within a defined time period. Where the moderate risk is associated with harmful/serious consequences further assessment may be necessary to establish more precisely the likelihood of harm as a basis for determining the need for improved control measures.
Substantial	The activity should not be started until the risk has been reduced. Considerable resources may have to be allocated to reduce the risk. Where the risk involves activity already in progress, urgent action should be taken.
Intolerable	Activity should not be started or continued until the risk has been reduced. If it is not possible to reduce the risk even with unlimited resources, activity has to remain prohibited.

Risk Assessment - Water

Description of Hazard (Risk)	Who might be harmed?	Description of what is already being done to deal with the hazard	Probability H/M/L	Severity H/M/L	Risk Level	Person(s) responsible for implementing actions
Launching and landing competing boats – risk of handling incidents	<ul style="list-style-type: none"> ● Competitors ● Marshal ● Public 	<ul style="list-style-type: none"> ● Boat trailers located close to landing stages ● Landing stages constructed to give safe water access from meadow ● Boating Marshal in control of movements ● All boats are checked by the Umpires to ensure they are in a safe condition (buoyancy, bow balls, heel restraints) 	Low	Medium	Tolerable	Boat Marshal Control Commission Umpires
Movement of boats – risk of collision and capsize	<ul style="list-style-type: none"> ● Competitors 	<ul style="list-style-type: none"> ● Competitors are segregated by buoyed lanes ● Radio communication between finish, start and course Umpires ● Throw lines and megaphones provided to Marshals 	Low	Medium	Tolerable	Boat Marshals Course Marshals Start Marshals Umpires
Boats going to race collide with racing boats	<ul style="list-style-type: none"> ● Competitors 	<ul style="list-style-type: none"> ● Each race is started separately and observed by Umpires on the course who will warn or stop crews racing when safety is at risk ● Bank Marshals help keep boats going to race close to meadow side of the river. ● Sufficient buoys positioned to mark the end and side of the race course 	Low	Medium	Tolerable	Bank Marshals Umpires Start Marshals
Boats collide with stakeboats	<ul style="list-style-type: none"> ● Competitors 	<ul style="list-style-type: none"> ● Umpires and Bank Marshals coordinate movement of boats past the start stakeboats 	Low	Medium	Tolerable	Mid Point Marshals Start Marshals Umpires
Boats assembling for races – risk of collision	<ul style="list-style-type: none"> ● Assembling Boats ● Competing boats 	<ul style="list-style-type: none"> ● Boats assemble upstream of the start under Start Marshal direction ● Boats pass upstream under Start marshal direction 	Low	Medium	Tolerable	Start Marshals
Other river users – risk of collision	<ul style="list-style-type: none"> ● Other users ● Competitors ● Safety boat crews 	<ul style="list-style-type: none"> ● Date agreed with Cam Conservancy ● Following advised of regatta date <ul style="list-style-type: none"> ○ Camboaters ○ River boat Georgina ○ Local Angling clubs ○ Other rowing clubs ○ Other users asked to wait until gap in racing (Cam Conservancy byelaw) 	Low	High	Moderate	Regatta Secretary Boat Marshals Start Marshals Umpires

Individual becomes unwell whilst on water	<ul style="list-style-type: none"> ● Competitors ● Stake Boat helpers 	<ul style="list-style-type: none"> ● Umpires and Start and Finish provided with radio communication ● Stake boat and helpers appropriately clothed, protected from the sun and rotated ● Professional First Aid on site, first aid kits available at the start and selected Marshals 	Low	Medium	Tolerable	Start Marshal Umpires
Umpires – heat and rain	<ul style="list-style-type: none"> ● Umpires 	<ul style="list-style-type: none"> ● Provision of water and refreshments ● Provision of weather protection 	Low	Low	Trivial	Regatta Secretary
Thunderstorms, High Wind, Heavy Rain	<ul style="list-style-type: none"> ● Competitors on the water ● Spectators 	<ul style="list-style-type: none"> ● Suspension of event as weather approaches by Race Control and Umpire decision until it has cleared according to BR recommendations 	Low	High	Moderate	Race Control Umpires Regatta Chairman
Public ending up in the river (including dogs)	<ul style="list-style-type: none"> ● Spectators ● Spectators on towpath 	<ul style="list-style-type: none"> ● Umpires and Marshals have throw lines ● Towpath is a public space and not the responsibility of the regatta ● Racing to stop until river is cleared 	Low	Low	Trivial	Umpires Marshals
High river flow	<ul style="list-style-type: none"> ● Competitors 	<ul style="list-style-type: none"> ● The level of the Cam is controlled by locks at strategic points. ● Environment Agency levels at Baits Bite Lock checked before start of racing. ● Alerts set up to notify regatta chairman. 	Low	Low	Trivial	Umpires Regatta Chairman
Weil's Disease	<ul style="list-style-type: none"> ● Competitors ● Stake Boat ● Safety Boat 	<ul style="list-style-type: none"> ● The Cam can be a source of Weil's Disease ● All competitors and crews going on the water advised to take care not to swallow water, and ensure open wounds are covered with waterproof plasters. ● Competitors advised against swimming or throwing in coxes ● Capsized competitors will be advised of the symptoms of Weil's disease 	Low	High	Moderate	Marshals Commentator

Risk Assessment - Land

Risk	Personnel	Mitigation	Probability H/M/L	Severity H/M/L	Risk Level	Person(s) responsible for implementing actions
Vehicle gaining access to Ditton Meadows	<ul style="list-style-type: none"> ● Competitors ● Public ● Organisers 	<ul style="list-style-type: none"> ● Access route clearly signed ● Vehicle access routes and parking segregated from pedestrians ● Trailer area segregated from vehicle access routes ● Drivers advised to take care approaching the regatta field ● Emergency access route clearance ensured throughout the regatta. 	Low	Low	Trivial	Infrastructure Manager
Food hygiene - risk of food poisoning (poor food hygiene)	<ul style="list-style-type: none"> ● Competitors ● Public 	<ul style="list-style-type: none"> ● Food chilled, segregated and wrapped ● Hygiene standards for food preparation ● Segregation of food waste ● Food handlers aware of food hygiene risks 	Low	Medium	Tolerable	Food Co-ordinator
Marquee and tents - risk of collapsing, catching on fire	<ul style="list-style-type: none"> ● Competitors ● Public 	<ul style="list-style-type: none"> ● Marquee and Tents erected by competent people ● Checked before and during event ● Fire Extinguisher and water buckets available at BBQ and Refreshment Tents 	Low	High	Moderate	Regatta Chairman
Electrical supply - risk of electrocution	<ul style="list-style-type: none"> ● Users ● Public 	<ul style="list-style-type: none"> ● Electrical system suitable for use ● Appropriately earthed ● RCD devices integral and tested ● Connected and checked by a competent person 	Low	High	Moderate	Infrastructure Manager
Toilets - risk of blockage, overflow and resulting hygiene risk	<ul style="list-style-type: none"> ● Users ● Public 	<ul style="list-style-type: none"> ● Toilet provision suitable and sufficient ● Checked on regular basis 	Low	Low	Trivial	Water Safety Officer

		<ul style="list-style-type: none"> ● Provision of hand cleansing, spare sterilising gel on had to top up through the day 				
Landing stage - risk of collapse or damage	<ul style="list-style-type: none"> ● Competitors ● Marshals 	<ul style="list-style-type: none"> ● Landing stage uses special supporting frames ● Landing stage built under supervision of experienced people ● 	Low	Low	Trivial	Infrastructure Manager
Umpires towers - risk of collapse	<ul style="list-style-type: none"> ● Umpires 	<ul style="list-style-type: none"> ● Towers built and proved through a scaffolding company 	Low	Medium	Tolerable	Infrastructure Manager
First Aid and Emergency Provision	<ul style="list-style-type: none"> ● Competitors ● Public 	<ul style="list-style-type: none"> ● Qualified First Aiders and professional Paramedics will be on site at all times ● Emergency Plan in place ● Radio communications ● Public Address system 	Low	High	Moderate	Water Safety Officer