



Risk Assessment/Hazard Identification

Ref:	RA-02		
Risk Assessment Title:	Reservoir Session	Revision No:	1
Specific Location:	Edgbaston Reservoir	Date of next review	29-04-24
Description of the activity:	Kayaking at the reservoir, working on basic paddle skills along with rolling and flat water playboating.		
Associated Documents:	Timetable for Water Users- Edgbaston Reservoir		
Risk Assessment Completed by:	Name: Chris Gordon	Signed: Chris Gordon	Date: 29-04-23

Likelihood Rating Key:		Severity Rating Key:		Likelihood Rating	Severity Rating					
					5	4	3	2	1	
5	Frequent	5	Multiple or Single Fatality		5	25	20	15	10	5
4	Probable	4	Major Injury or Major Damage to Property		4	20	16	12	8	4
3	Occasional	3	Injury or Significant Damage to Property		3	15	12	9	6	3
2	Remote	2	Injury or Damage to Property		2	10	8	6	4	2
1	Improbable	1	Minor Injury	1	5	4	3	2	1	

Residual Risk Rating Matrix Key:	
12 – 25:	Unacceptable level of risk. Risk level MUST be reduced.
5 – 11:	Risks acceptable where principles of prevention have been applied and control measures implemented to reduce risk so far as is reasonably practicable. Activity, operation or works creating the hazard and risk must be supervised to ensure continued effectiveness and compliance with the control measures.
1 – 4:	Acceptable level of risk. Risk associated with the hazard is of an acceptable level. Continual reviews to confirm hazards and risks remain adequately controlled.

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1: Activity & Hazard Description	2: Person[s] at Risk	3: Potential Consequence[s]	4 – 6: Initial Risk Rating			7: Control Measure [s]	8: Person[s] Responsible for Implementation & Monitoring	9 – 11: Residual Risk Rating		
			L	S	IRR			L	S	RRR
Drowning / Entrapment	Paddlers, Spectators, Others	Fatality	5	5	25	<ul style="list-style-type: none"> - Experienced paddler to be on the water. - Paddler to be able to swim 25m. - New paddlers to demonstrate a capsize while being supervised by a Birmingham Canoe Club coach/instructor/competent person. - Before being allowed a spray deck, a successful spray deck capsize is to be demonstrated while being supervised by a Birmingham Canoe Club coach/instructor/competent person. 	Birmingham Canoe Club	1	5	5
Sprains, Strains And Soft Tissue Injuries	Paddlers,	Minor Injury	3	3	9	<ul style="list-style-type: none"> - Warm up to be carried out before exercise takes place. - Correct manual handling technique to be used. 	Paddlers Birmingham Canoe Club	2	1	2
Slips Trips and Falls	Paddlers, Spectators, Public	Fatality, Major Injury, Minor injury	3	5	15	<ul style="list-style-type: none"> - Boats, paddles, and equipment to be stored correctly in racking at the end of a session. - Boats and paddles stored away from footpaths when not in use (when getting changed at the start / end of a session). - No running. 	Paddlers Birmingham Canoe Club	2	2	4
Damaged Equipment	Paddlers	Major Injury, Minor Injury	3	5	15	<ul style="list-style-type: none"> - Equipment to be inspected annually for any damage and recorded on the equipment register. - Paddlers to report any damage to equipment using the reporting log or via the QR code / website form. 	Paddlers Birmingham Canoe Club	2	2	4
Impact Or Collisions	Paddlers	Major Injury, Minor Injury	2	4	8	<ul style="list-style-type: none"> - Duty of care for each other while on the water (safe personal space). - Reservoir Timetable for Water Users- Edgbaston Reservoir to be consulted when planning club sessions. 	Paddlers Birmingham Canoe Club	2	1	2
General Public	Paddlers, Spectators, Others	Confrontation, Unwanted Attention	2	4	8	<ul style="list-style-type: none"> - Entrance managed by Birmingham Canoe Club to meet and greet / prevent unauthorised entry. 	Birmingham Canoe Club. paddlers	2	1	2

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Fire	Paddlers, Spectators, Others	All	1	5	5	- Fire routes to be used as per fire plan.	Birmingham Canoe Club	1	4	4
Medical Conditions	Paddlers, Spectators, Others	Unfit to paddle / drive	2	4	8	- Paddlers to report if they are currently on medication. - Birmingham Canoe Club to support and assist in safety of person.	Paddlers, Birmingham Canoe Club	2	2	4
Access and Egress	Paddlers, Spectators, Public	Damage to property / people	5	5	25	- Park courteously in line with the current parking restrictions and law. - Check the route is clear. - Safely offload craft and equipment being mindful of pedestrians and vehicles (ask for assistance when required). - Off load the vehicle from the pavement where possible. - Carry the craft and equipment, making sure the footpaths are left clear. - The launch may have motorboats / vehicles present at time's communication between users is required.	Paddlers	5	2	10
Cross contamination	Paddlers	Contaminating the reservoir	5	2	10	- Clean boats and equipment prior to entering. - Rinse kit prior to leaving or putting kit back into storage.	Paddlers	5	1	5
Hypothermia (cold)	Paddlers, Spectators	Fatality, Major Injury, Minor Injury	3	4	12	- Minimise submersion in the water. - Reduce the length of the session/trip or stay close to a safe location. - Keep yourself well fuelled with high carbohydrate foods and stay hydrated. - Dress for immersion in cold water insulating/thermal clothing including a wetsuit or dry suit, capable of protecting you while in the water. - Dress in layers using synthetic fabrics such as polyester fleece or base layers. - Carry spare dry clothing including a waterproof/windproof jacket or canoe top. You are also advised to carry survival bag or thermal blanket, some food, a drink and a mobile phone. - Wear a warm hat that will stay on your head in the water. 50% of heat loss is through your head. - Know your own physical capabilities and limitations, don't overestimate them	Paddlers, Birmingham Canoe Club	3	1	3

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Hyperthermia (hot)	Paddlers, Spectators	Fatality, Major Injury, Minor Injury	3	4	12	<ul style="list-style-type: none"> - drink more cold drinks. - wear light-coloured, loose clothing. - avoid the sun between 11am and 3pm. - avoid excess alcohol. - avoid extreme exercise. 	Paddlers Birmingham Canoe Club	3	1	3
Water Quality	Paddlers,	Major Injury, Minor Injury	3	4	12	<ul style="list-style-type: none"> - Check Local Authority website for information on algae blooms and Weil's disease, H1N1 etc 	Paddlers Birmingham Canoe Club	3	2	6
Man Made Features	Paddlers,	Fatality, Major Injury, Minor Injury	2	2	4	<ul style="list-style-type: none"> - Gabion baskets to be avoided by the edge of the reservoir 	Paddlers Birmingham Canoe Club	1	2	2
Overhanging trees or Strainers	Paddlers,	Fatality, Major Injury, Minor Injury	4	3	12	<ul style="list-style-type: none"> - Paddlers to keep away from the vegetation at the edge of the reservoir to minimise the risk of entrapment 	Paddlers Birmingham Canoe Club	2	2	4
Weather & Environment	Paddlers, Spectators	Major Injury, Minor Injury	3	3	9	<ul style="list-style-type: none"> - Weather to be checked prior to starting the session. - extreme heat - will require additional drinking water and monitoring of paddlers. Preference for early morning and late evening paddling avoiding the midday sun. - extreme cold - only correctly equipped paddlers to be allowed onto the water. Dry suit and warm clothing will be required. - lightning – all paddlers to make there way off the water as quickly as possible. - strong winds – to be assessed as to cancel the session or continue 	Paddlers Birmingham Canoe Club	2	2	4

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