



Name of activity	Improvised rafting	Reference number	
Location of activity	North centre bay or south camp bay	Ratio for activity	1:12 It is acceptable to increase the ratios to a maximum of 1:14 including any visiting staff involved in the session by using more experienced staff to run the activity. This adaptation should be approved on an individual basis by the H+S team in conjunction with the technical advisor and will be based on the plan for the session; some limitations may be placed on the locations to be used for the session depending on the weather conditions.
Level of qualification needed to lead	In house trained and assessed	Level of qualification needed to second	NA
This document must be read in conjunction with	Activity Standard Operational Procedures and the Water spots Generic Risk Assessments		
Key: L – Likelihood, S – Severity, R – Risk		Risk Score 1- 2 = Low 3- 4 = Medium 5- 6 = High	

Activity Description	Foreseeable Hazard	Who might be harmed and how?	L	S	R	Control measures	L	S	R
Building and take down of raft	Injury from moving spars	Staff, participants and those nearby – injury from swinging spars and barrels	2	3	5	Staff brief in good manual handling techniques	1	2	3
						Multiple people to lift equipment if deemed needed by staff			
						Helmets worn at all times during activity			



Building and taking raft down to lake	Injury from flipping raft	Staff and participants – raft may be dropped on people	2	3	5	Rafts not to be flipped. (build them the right way up)	1	2	3
Moving rafts to and from water	Muscular - skeletal	Staff and participants – by lifting or dropping raft	2	3	5	Appropriate number of people used to carry rafts dependent on size of people.	1	2	3
Cold water	Cold water shock mild hypothermia	Any member of the group immersion in the cold water early or late season	2	3	5	Instructor management and awareness checking of rafts close supervision	1	3	4
While paddling the raft	Injury from paddle	Any member of the group on the raft being struck by a paddle	2	2	4	Instructor safety briefing and supervision of group on the water	1	2	3
Raft flipping over turning on the water	Head or bodily injury	Any member of the group being hit struck by raft	2	3	5	Instructor safety briefing and supervision on the water. Helmets worn	1	2	3



Activity Description	Foreseeable Hazard	Who might be harmed and how?	L	S	R	Control measures	L	S	R
Paddling raft	Entrapment of fingers etc	Participants – trap feet and hands under ropes	2	2	4	Staff brief how to sit on raft	1	2	3
						Staff check rafts for loose ropes etc prior to launch			
						Staff carry knife to cut ropes if needed			
Paddling raft	Break up of raft	Participants – injured by barrels or spars.	2	2	4	Staff check rafts for loose ropes etc prior to launch	1	2	3
						Staff to check raft design will either not fail, or not cause injury if it does fail.			
						Safety boat per raft on water			
						Vigilance by staff during time on water			
						Helmets worn			
Paddling raft	Person over board	Participants – fall off of raft	3	1	4	Safety boat per raft on water	2	1	3
						Vigilance by staff during time on water			
						Correctly fitted PPE worn			
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National Centre, Lakeside

Activity Risk Assessment – Raft Building

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