

## Risk Assessment Activity – Raft Building (On-Site)

Pioneer Centre	Assessed by: James Kniffen				Assessed:	Next Review Date
					10/01/2022	09/01/2023
<p><b>Overview:</b> Rafting is carried out on our onsite pond. Sessions are led by two instructors, one of whom must hold either a National Pool Lifeguard qualification or a nationally recognised water based rescue certificate, for example FSRT (Foundation Safety Rescue Training) qualification. All instructors will have completed in house training. Rescue bag including throw line, Knife and first aid kit present at all times. Preferred Staff to Client ratio 2:12 with a maximum of 2:16. Annual water tests undertaken to ensure water quality.</p>						
Hazards	Groups of People at Risk from the Hazards Identified	Probabillity	Severity	Risk Category	Control Measures	
Water (drowning)	Instructors, staff and guest/participants	Very Unlikely	Fatal	Low	All participants must wear buoyancy aids and helmet for this activity which are checked by trained staff. The pond area is fenced off and has “no access” and “danger deep water” sign clearly displayed on the fencing. Only trained staff can use the pond and delivery water-based activities.	
Slips & trips	Instructors, staff and guest/participants	Unlikely	Minor	Low	Areas are check monthly and a visually check is done by instructors upon arrival. Participants are brief on significant hazards.	
Equipment – knocks and bumps	Instructors, staff and guest/participants	Likely	Minor	Low	Helmets worn by participants and equipment carried in a safe manner as instructed by staff.	

Entrapment in ropes	Instructors, staff and guest/participants	Very unlikely	Major	Low	Only logs can be tied together, rescue kit is at hand for instructors to use. If another form of raft is being built where rope is used to secure barrels then a knife on the instructors person ready to be used to cut ropes.
Weil's Disease	Instructors, staff and guest/participants	Unlikely	Major	Medium	Water sample to be sent off in spring and summer and autumn period to ensure water is safe. Participants briefed not to swallow water.
Algal bloom	Instructors, staff and guest/participants	Likely	Major	Medium	Staff to monitor water and report to senior staff if algae is spotted. If serious bloom has taken place water will be sent off to be tested and the raft building sessions closed until results have come back and are clear. Participants briefed not to swallow water.
Manual Handling	Instructors, staff and guest/participants	Unlikely	Minor Injury	Low	All staff complete in-house Health and Safety training which includes manual handling. Instructors trained on how use the equipment and ensure participants correctly handle logs and barrels for the duration of the session.
Misuse of safety equipment (knife in rescue kit)	Guest/participants	Unlikely	Major	Low	Instructors ensure participants do not mess with safety/rescue kit.
Wound infection	Instructors, staff and guest/participants	Unlikely	Major	Low	Instructors to brief the participants that they are not to go into the water if they have any open wounds. Instructors to stop anyone who tries to go into the water if a wound is seen.