



# ADVENTURE ACTIVITIES RISK ASSESSMENT AND CONTROL RECORD

*This Risk Assessment shall be reviewed at least every 2 years, upon identification of any new risks or whenever there is a related incident or change in a the task, process or activity which may alter risks*

<b>PART A - ACTIVITY DETAILS</b>			
<b>Name of activity:</b>		<b>Risk Assessment Number:</b>	
Tyre Tubing		YMCA-AA-RAW05	
<b>Activity Scope:</b>		<b>ACTIVITY RISK RATING</b>	
Tyre Tubing is a relaxing water activity that involves participants floating on water in genuine tyre tubes. No powered craft are involved. There is also Environmental Interpretation provided.		<b>Overall Risk Level (without Controls)</b>	<b>Overall Risk Level (with Controls)</b>
		Moderate	Low
<b>Equipment / Facility Requirements:</b>	<b>Group Size and Supervision Requirements:</b>	<b>Activity Leader Qualification Requirements:</b>	
Tyre tubs, lifejackets, safety craft and rescue gear	Recommended Group Size: 15 Minimum number of Leaders: 1 Maximum ratio: 1 Supervising Adult :15 Participants	YMCA internal Training, water rescue qualification (Sport) or equivalent, and first aid.	
<b>Prepared By:</b>	<b>In Consultation with:</b>	<b>Issue Date:</b>	<b>Next Review Date:</b>
Lynda Aldridge	Brent Greenfield, David Bailey, Angela Byrne	June 2021	June 2023
<b>WHS Advisor</b>	<b>Group Manager</b>		
Angela Byrne	Will Sambrook		
<b>Reference Information:</b> (e.g. manufacturer's instructions, operating manuals, industry information, Company Policies, CoP, Standards, Regulations)		<b>Supporting Documentation:</b> (e.g. Work Instruction, SWP, Guidelines, Manuals, Inspection Checklists, Training Records, Signage)	
Australian Adventure Activity Standard & Core Good Practice Guide (GPG). Inland water paddle-craft GPG, AS 4758- Lifejackets		Activity specific Standard Operating Procedures Activity Equipment Checklist Equipment Inspection, routine Equipment Inspection, annual	

<b>PART B - HAZARD IDENTIFICATION, RISK ASSESSMENT AND CONTROL</b>												
Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible			Current Risk		
			L	C	R		L	C	R	L	C	R
<i>What is the source of the Risk?</i>	<i>How can a person be injured?</i>	<i>What are the expected injuries / illness?</i>	L	C	R	<i>What will reduce the likelihood or consequences?</i>	<i>Who is responsible for implementing the control measure?</i>			L	C	R
<b>Environment</b> – hazards and risks associated with the Environment.												
Flooding	Swept away in fast waters	Drowning	3	C	H	<ul style="list-style-type: none"> <li>Monitor weather reports and alerts on Bureau of Meteorology website</li> <li>Monitor dam levels through seqwater.com.au website</li> <li>Direct contact with operators of SEQ water dam in necessary</li> <li>Manage alerts from dam spillage from SEQ Water</li> <li>Modify activities where possible to suit conditions depending on type of programed activites, location, client age range and ability determine whether the activity should be modified to reduce the risk of being in the flooded area</li> <li>Advise Outdoor Leader as to any modification to the activity</li> </ul>	Program Coordinator	2	C	M		
						<ul style="list-style-type: none"> <li>Monitor river levels in field when flood is foreseeable hazard</li> <li>Reassess crossing of swollen creeks and rivers</li> <li>Have knowledge of safe crossing techniques</li> </ul>	Outdoor Leader					
Drinking Water	Water borne illness	Nausea Stomach cramps Diarrhoea Vomiting	3	B	M	<ul style="list-style-type: none"> <li>Carry water quantities appropriate for the type of activity, its anticipated intensity and weather conditions</li> <li>Use water purification tablets when the water quality is unknown</li> <li>Brief participants to not drink the creek, river or dam water</li> </ul>	Outdoor Leader	2	B	M		
						<ul style="list-style-type: none"> <li>Provide water purification tablets for the activity as required</li> </ul>	Program Coordinator					

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Hazard	Risk Event	Consequences	Initial Risk	Control Measures	Person Responsible	Current Risk			
Submerged objects in a Body of Water Rivers and/or Lakes	Participant gets entrapped or entangled in submerged objects	Abrasions Contusions Lacerations near drowning	3	B M	<ul style="list-style-type: none"> <li>• Monitor weather and alerts on Bureau of Meteorology website</li> <li>• Monitor water levels and dam capacity on SEQ water website</li> <li>• Reassess overall risk based pm weather alerts and water levels depending on type of programed activites, location, client age range and ability determine whether the activity should be modified to reduce the risk of over exposure</li> <li>• Ensure Outdoor Leader suitably trained to undertake activity</li> <li>• Ensure Outdoor Leader is provided with appropriate towing system easily accessible so that it can be deployed quickly when needed</li> </ul>	Program Coordinator	2	A	L
					<ul style="list-style-type: none"> <li>• Ensure enclosed sturdy shoes are worn</li> <li>• Brief participants on submerged hazards and depth of water</li> <li>• Ensure each participant has a Life Jacket that meets Australian Standards for its intended purpose</li> <li>• Life Jackets should be the correct size for the wearer and be adjusted correctly before entering the water. The Life Jacket should be a bright colour</li> <li>• Monitor participants for suitability and swimming competency</li> <li>• Negotiate areas of moving water prior to participants</li> <li>• Throw bags, 15-20 meters, and/ or tow-lines must be carried on rescue craft</li> <li>• Carry a safety knife/ shears that is easily accessible, however should not be carried on the outside of the Life Jacket</li> <li>• Adhere to Exclusion Zones as directed by relevant authority (Dam Wall, Weir)</li> <li>• Remain aware of the distance from shore as the weather, wind and tide can create hazards.</li> <li>• Modified or abandon activity in adverse conditions</li> <li>• Consider stopping activity if environmental conditions exceed the ability of the group</li> <li>• Ensure the pool cleaning machine has been removed from the pool area and switched off</li> <li>• Check and place in a convenient area, suitable rescue devices: rescue ring, boating/ reach pole, pool noodle</li> </ul>	Outdoor Leader			

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
Body of Water	Falling into the water and panicking causing near drowning	Chest Pain, cough, shortness of breath, vomiting	3	B	M	<ul style="list-style-type: none"> <li>• Ensure Outdoor Leader holds Basic Water Rescue unit of competency</li> </ul>	Program Coordinator	2	B	M
	Swimming ability not suitable for activity, causing near drowning					<ul style="list-style-type: none"> <li>• Ensure the pool cleaning machine has been removed from the pool area and switched off</li> <li>• Brief participants on the depth of the pool</li> <li>• Ensure participants undertake a swim test prior to free swimming</li> <li>• Ensure each participant that is a poor swimmer has a Life Jacket that meets Australian Standards for its intended purpose</li> <li>• The Life Jacket should be the correct size for the wearer and be adjusted correctly before entering the water</li> <li>• Check and place in a convenient area, suitable rescue devices: rescue ring, boating/ reach pole, pool noodle</li> <li>• Brief participants on risk of submerged obstacles</li> <li>• Ensure each participant that has a Life Jacket that meets Australian Standards for its intended purpose</li> <li>• The Life Jacket should be the correct size for the wearer and be adjusted correctly before entering the water</li> <li>• Ensure throw rope is accessible</li> <li>• Consider using kayak as safety craft</li> </ul>	Outdoor Leader			

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<b>Hazard</b>	<b>Risk Event</b>	<b>Consequences</b>	<b>Initial Risk</b>	<b>Control Measures</b>	<b>Person Responsible</b>	<b>Current Risk</b>
<b>People</b> – <i>List all hazards and risks associated with People.</i>						

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Hazard	Risk Event	Consequences	Initial Risk			Control Measures	Person Responsible	Current Risk		
<b>Logistics &amp; Equipment – List all risks associated with Logistics and Equipment.</b>										
Personal Protective Equipment (PPE)	Not provided or not correctly fitted	Abrasions, contusions, lacerations	3	B	M	<ul style="list-style-type: none"> <li>• Range of sizes of Life Jackets available</li> <li>• Life Jackets to be of the correct size, fit and suitability for activity</li> <li>• Life Jackets to be worn and secured throughout any activity session where participants are exposed to water hazards</li> <li>• Life Jackets to be checked prior to commencing activity</li> <li>• Range of sizes of Life Jackets available</li> <li>• Life Jackets to be of the correct size, fit and suitability for activity</li> <li>• Life Jackets to be worn and secured throughout required obstacles</li> <li>• Life Jackets to be checked prior to commencing obstacle</li> </ul>	Outdoor Leader	2	B	M
Using damaged equipment	Equipment failure	Minor physical injury Abrasions, contusions, lacerations	3	A	M	<ul style="list-style-type: none"> <li>• Check condition of fastening systems on Life Jackets prior to use</li> <li>• Check condition of tubes prior to use</li> <li>• Spare inflatable tube taken with group</li> <li>• Spare equipment to be available in case of emergency</li> </ul>	Outdoor Leader	2	A	L
Loss of equipment	Inability to proceed with activity due to lost equipment	Psychological injury	3	A	M	<ul style="list-style-type: none"> <li>• Spare equipment to be available in case of emergency</li> </ul>	Outdoor Leader	2	A	L