

Activity Risk Assessment Towed Water Devices

MEASURES	
Consequence	Likelihood
Very High - Fatality/Multiple Hospitalisations <ul style="list-style-type: none"> Multiple life-threatening injuries with the same cause which requires immediate treatment as in-patients in a hospital. 	Almost Certain Is expected to occur in most circumstances.
High - Extensive Injuries / Hospitalisation <ul style="list-style-type: none"> Serious life-threatening injury which requires immediate treatment as an in-patient in a hospital. 	Likely Will occur in most circumstances.
Moderate - Medical Treatment <ul style="list-style-type: none"> An injury which requires medical treatment. 	Possible May occur at some time.
Minor - First Aid Treatment <ul style="list-style-type: none"> A non-life-threatening injury which can be adequately treated by a qualified first aider. 	Unlikely Could occur from time to time.
Negligible - No Treatment <ul style="list-style-type: none"> A non-life-threatening injury that does not require treatment. 	Rare May occur in exceptional circumstances.

MATRIX		Likelihood				
		Rare	Unlikely	Possible	Likely	Almost Certain
Consequence	Very High	High (12)	Very High (17)	Extreme (21)	Extreme (24)	Extreme (25)
	High	Moderate (10)	High (15)	Very High (19)	Extreme (22)	Extreme (23)
	Moderate	Moderate (6)	Moderate (9)	High (14)	Very High (18)	Very High (20)
	Minor	Minor (3)	Moderate (5)	Moderate (8)	High (13)	High (16)
	Negligible	Minor (1)	Minor (2)	Moderate (4)	Moderate (7)	Moderate (11)

RISK RATING	
21-25	Extreme
17-20	Very High
12-16	High
4-11	Moderate
1-3	Minor

RISK CONTROLS
Elimination Removal of the hazard.
Substitution Replacing (wholly or partly) with something that is a lesser risk.
Isolate Isolating the hazard from any person.
Engineering Redesign the activity or equipment.
Administrative Information, training, instructions, signage, etc.
PPE/PPC Personal Protective Equipment & Clothing.

Definitions:

Hazard A situation or thing that has the potential to cause harm to a person or to the equipment.

Risk The possibility that harm (death, injury) might occur when exposed to a hazard.

Risk Control Taking action to eliminate health and safety risks so far as is reasonably practicable, and if that is not possible, minimising the risks so far as is reasonably practicable. Eliminating a hazard will also eliminate any risks associated with that hazard.

Consequence The effects of either the risk or hazard.

Likelihood The chance of which the risk or hazard are likely to happen.



Activity Risk Assessment Towed Water Devices

Staff/Leadership Team

<u>Hazard & Risk</u>	<u>Risk Rating</u>	<u>Risk Control</u>	<u>Amended Risk Rating</u>	Activity leader: to answer each section below 'YES' if able to fulfil SOPs Risk Assessment, to be acceptable to proceed with the activity.
Child Safety at Events	19	<ul style="list-style-type: none"> WWCC number provided and checked if staff are over 18yrs old. AdSafe Training completed if staff are over 18yrs old. Code of Conduct completed. Staff are to remain vigilant. 	9	
Dangerous Activities	19	<ul style="list-style-type: none"> Activities which require qualified staff must control activity with a correct ratio. Have a qualified First Aider and First Aid Kit on the activity site. 	9	
COVID-19	19	<ul style="list-style-type: none"> All activities are to adhere to government legislation. Have a COVID safe plan, if applicable. Have a participant registration, if applicable. 	9	
Activity info	21	<ul style="list-style-type: none"> All required information to be filled in on the last two pages of this document. 	12	

Environmental

<u>Hazard & Risk</u>	<u>Risk Rating</u>	<u>Risk Control</u>	<u>Amended Risk Rating</u>	Continue: can activity leader answer 'YES'?
Weather <ul style="list-style-type: none"> Heat Cold 	14	<ul style="list-style-type: none"> Check BOM for predicted weather forecast. Severe weather may result in the need to stop, postpone or cancel the activity. 	2	

Activity Risk Assessment

Towed Water Devices

<ul style="list-style-type: none"> • Wind • Rain • Electrical thunders tords <p>Adverse weather can cause injury or ill health, e.g. hypothermia & hyperthermia</p>		<ul style="list-style-type: none"> • Minimum clothing: shorts and T-shirt over swimmers & covered shoes. • Covered shoes can be removed when on the towed water device/s. • Wear appropriate clothing for the weather condition. • Use sun protection e.g. hat, rashie, sunscreen before and throughout the activity. 		
<p>Sun</p> <ul style="list-style-type: none"> • Sunburn • Hot Surfaces • Reflective Burn • Eye Strain or Burn 	8	<ul style="list-style-type: none"> • Use sun protection e.g. hat, rashie, and if needed eye protection. Sunscreen before and throughout the activity. • Need to be more vigilant in saltwater than a freshwater environment. • Participants need to become aware that surfaces can become burning hot if temperatures become high to very high, e.g. surface of a boat, sand. • Have First Aid Kit on activity site. 	2	
<p>Dehydration</p> <p>Hyperthermia</p>	18	<ul style="list-style-type: none"> • Have drinking water available on activity. • Instruct participants to carry water and take drink & rest breaks. • Wear hat/cap when practical. • First Aid Officer to have electrolytes available. 	5	
<p>Hypothermia</p>	12	<ul style="list-style-type: none"> • Have suitable "tops," (e.g. windproof) for cold weather conditions. • Plan to have a safe egress point if weather deteriorates. • Quick rescue strategies for participants who enter into cold water. 	5	

Activity Risk Assessment

Towed Water Devices

<p>Bites and Stings</p> <ul style="list-style-type: none"> Adverse reactions causing ill health or death 	<p>21</p>	<ul style="list-style-type: none"> Use insect repellent when needed. Remain vigilant keeping an eye out for insects, animals, and snakes. Check participants medical form for any history for adverse reactions and cater for participant needs. Have First Aid Kit on activity site. Depending on the environment: keep an eye out for dangerous marine life: stingrays, jellyfish, bluebottle, and bull sharks, etc. Have alternative activity site. 	<p>15</p>	
---	-----------	--	-----------	--

Activity Risk Assessment

Towed Water Devices

Slips, Trips, and Falls • Injury	8	<ul style="list-style-type: none"> Watch where you walk. No running with equipment. Activity to always be under supervision. e.g. shallow water level. 	5	
Falling Objects • Injury	22	<ul style="list-style-type: none"> Be mindful of equipment when unloading and loading the trailer. 	5	
Water Levels (Including tides) Water Swell (Surging waves and currents) • Drowning • Injury	22	<ul style="list-style-type: none"> Conduct a visual inspection prior to activity commencing. Check BOM for predicted weather forecast. Check BOM for river heights. Make appropriate adjustment to meet the need for safety due to water conditions with the level of capabilities of the participants. Be aware of the tide changes and times. Check tides for your location. 	8	
Submerged Objects, Rocks, Glass etc. • Drowning • Injury	19	<ul style="list-style-type: none"> Participants to wear covered footwear at water's edge. Leader/s remove dangerous objects if possible. If unable warn participants. Take care when walking or loading into and out of boats. Boat drivers to check continuously the water for hidden objects along activity route. 	5	

Human

<u>Hazard & Risk</u>	<u>Risk Rating</u>	<u>Risk Control</u>	<u>Amended Risk Rating</u>	<u>Continue: can activity leader answer 'YES'?</u>
Participants Abilities • Fitness • Skill	4	<ul style="list-style-type: none"> Activity pre-brief of the dangers. Clear explanation of the expectations of all participants. Boat drivers to match the level of the participants fitness & skill. 	2	
Participants Negative Behaviour • Not following instructions	22	<ul style="list-style-type: none"> Use the Clubs discipline policy to address any negative behaviour. 	2	

Activity Risk Assessment

Towed Water Devices

<ul style="list-style-type: none"> • Showing off • Being silly • Not listening • Endangering self or others <p>Causing death & injury</p>				
<p>Entanglement</p> <ul style="list-style-type: none"> • Jewellery • Rope <p>Causing injury</p>	14	<ul style="list-style-type: none"> • All loose jewellery to be removed or made safe before the activity. • Always taking care when doing water pick-ups, to avoid entanglement with ropes. 	9	
<p>Roll Over or Fall Off Towed Device</p> <ul style="list-style-type: none"> • Injury 	4	<ul style="list-style-type: none"> • Teach correct holding technique. • Top heavy people will need to keep their centre of gravity low and consider placing these people at the centre of the craft. • Instruct the participants on deep water pick-ups. 	2	
<p>Falling Off of Towed Device</p> <ul style="list-style-type: none"> • Injury 	13	<ul style="list-style-type: none"> • Drivers not to exceed manufacturers maximum speed, use low speed/watch turns to make ride enjoyable. • All participants must wear a Personal Flotation Device (PFD). • Equipment not to be ridden on consecutive whips when participants on the device or drivers of the boat are inexperienced. • Observers are to be vigilant about the whereabouts of participants in the water as the boat circles around. • Fallers to be collected ASAP. • Ensure riders know: how to ride, what to do, what not to do, required signals. 	8	

Activity Risk Assessment

Towed Water Devices

<p>Fall from Heights (ie, from water sport trailer/s)</p> <ul style="list-style-type: none"> • Injury 		<ul style="list-style-type: none"> • Staff demonstrate spotting beforehand. • Everyone needs a 'spotter' if they are to climb on the trailer for loading & unloading. 		
--	--	---	--	--

Activity Risk Assessment

Towed Water Devices

Human Error <ul style="list-style-type: none"> Injury 	15	<ul style="list-style-type: none"> All "Near Miss" & "Incident" will need the relevant reports to be filled in. 	5	
Bullying <ul style="list-style-type: none"> Emotional trauma Injury 	21	<ul style="list-style-type: none"> Zero bullying policy to be enforced. Take any complaints seriously and take immediate action to safeguard the victim. Stop the activity and staff/leaders to separate the accused bully/ies for counselling. Use the Clubs bullying policy to address an issue. 	5	
Intentional Self Harm <ul style="list-style-type: none"> Injury 	19	<ul style="list-style-type: none"> Instructors to remain vigilant to negative mood shift and body language. Separate the person endangering themselves with staff to reduce tension/anxiety within a safe environment. Check on all people within the activity for their mental wellbeing. Be aware of equipment which can intentionally become dangerous. 	9	

Equipment

<u>Hazard & Risk</u>	<u>Risk Rating</u>	<u>Risk Control</u>	<u>Amended Risk Rating</u>	<u>Continue: can activity leader answer 'YES'?</u>
Boat Faults <ul style="list-style-type: none"> Break down Tangle of rope 	17	<ul style="list-style-type: none"> All boats are to be inspected at the start of activity. Keep annual mechanical servicing up to date. Boat drivers and observers to remain vigilant so ropes don't become tangled. 	10	
Damaged Gear	19	<ul style="list-style-type: none"> All damaged gear is to be removed, replaced, and reported. 	10	

Activity Risk Assessment

Towed Water Devices

Equipment Failure Cause Injury	15	<ul style="list-style-type: none"> • All PPE & PFD's to be in date and inspected before use. • All equipment to be checked before and after 	10	
<ul style="list-style-type: none"> • Life jackets • Knee boards • Skis • Wakeboards • Blow up tubes • Tow ropes • Blow up activities 		<ul style="list-style-type: none"> • activity for wear or damage. • All equipment to be kept in good working order and up to date. • Water devices to be used within manufacturers limitations. 		
Personal PPE or PFD incorrectly fitted	21	<ul style="list-style-type: none"> • Staff do activity pre-brief demonstrating how to fit a PFD. Staff to check participants PFDs' are fitted correctly. 	5	
Dropping of Equipment While Unloading from Trailer. <ul style="list-style-type: none"> • Injury 	13	<ul style="list-style-type: none"> • Multiple people to share the load. • Instructor to coordinate lifting while unloading and loading trailer. • Staff demonstrate spotting beforehand. • Everyone needs a 'spotter' if they are to climb on the trailer for loading & unloading. • Everyone needs to be mindful of correct technique if they are to climb on the trailer. 	5	

Activity Risk Assessment

Towed Water Devices

Faulty Communications <ul style="list-style-type: none"> • Death • Compounding injuries 	17	<ul style="list-style-type: none"> • At least one leader to have emergency communication capabilities. • At least one guide to have free mobile app on their phone called "Emergency Plus". • Remote areas have EPIRB (or PLB) • Extra option for inland waterways: Waterproof UHF or VHF radios. With spare battlers if more than a day trip. • Check that the radios are fully charge before leaving. 	10	
Towed Water Devices Incorrectly Used <ul style="list-style-type: none"> • Injury • Death 	21	<ul style="list-style-type: none"> • All towed water devices to be used within manufacturers guidelines. • The use of any device must be use within NSW regulations and laws governing Towed Water Devices. 	6	



Activity Risk Assessment Towed Water Devices

Extra option: Activity leader take full responsibility for amending SOP Risk Assessment

<u>Hazard & Risk</u>	<u>Risk Rating</u>	<u>Risk Control</u>	<u>Amended Risk Rating</u>	<u>Continue: can activity leader answer 'YES'?</u>

To be filled in by activity leader; copy be given to 'external contact person'.

Group Name:

Nearest Emergency Ward:

Activity date/s:

Helicopter Landing Area:

Date when church approved the activity:

Emergency Exit Point/s:

Number of Participants: **Pathfinder Adults:**

External Contact Person:

Phone No:

Leader Name:
Phone No:

River/Lake/Area:

Topographic Map/s Name:



Activity Risk Assessment Towed Water Devices

Activity leader/s print name and sign with date.

<u>Version 1.0 Completed By</u>				<u>Version 1.2 Completed By</u>			
Name:	Trent Keegan	Signature:		Name:	Kev Price	Signature:	
Date:	01/06/2019	Position:	District Director	Date:	19/07/2024	Position:	Youth Administrator
<u>Version 1.1 Completed By</u>							
Name	Steven Bilson	Signature:					
Date:	15/06/2022	Activity Revised					
Activity Leader/s:							
Signature:		Date:					
Name:				Name:			