



## Ngatuhua Lodge Hazard and Risk Management "HARM's"

<b>Activity:</b>	3.6 River Crossing		
<b>Date:</b>			
<b>Activity Controller:</b>	Approved teacher/parent or NZOIA/MSC instructor.		
<b>Location:</b>	Several rivers to be used in and around the lodge	<b>Participants No's:</b>	TBA
		<b>Supervision ratio:</b>	1:5
<b>Communication means?</b>	Lodge Phone available via the custodian.	<b>Cell phone reception?</b>	Y/N
		<b>Nearest reliable communication:</b>	Ngatuhua Lodge Custodians/instructors cottage.
<b>Intentions left with?</b>			

**Hazard Identification & Management - include Significant Hazards only:** (use additional pages if required)

**Eliminate:** By ensuring that the hazard no longer exists, or is no longer part of the activity e.g. do not take people under a certain age or without a certain skill set. If this isn't possible;

**Minimise:** By doing whatever can reasonably be done to lessen the hazard, this should be to a point where you no longer consider the hazard to be significant.

<u>Significant Hazard:</u>	<u>Eliminate (E) Minimise (M)</u>	<u>Management Strategies:</u>	<u>Whose responsibility:</u>
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**Location**

Slips and falls in into water due to slippery banks/rocks.	<b>M</b>	Participants are advised and are aware of slippery areas especially around river edges and rock type around Ngatuhua Lodge. No running at any time.	
Trapped by strainers and under water debris.	<b>M</b>	Full inspection of the intendant crossing point by leader/ instructor. Avoid all areas where strainers are present.	
Fast moving water entrapment.	<b>M</b>	No river crossing lessons should occur if the water is too high and visibility is effected due to tannins in the water. Not having clear water makes effecting a rescue near impossible!	

**Environment**

Severe / Adverse Weather.	<b>E</b>	Up to date weather forecast obtained pre-activity. Consideration given to weather forecast and impact on participant safety, site suitability and proposed activity. Weather monitored throughout activity and further appropriate decisions made. Modify or postpone programme.	
Terrain.	<b>M</b>	Track surfaces can be very slippery. Take care moving around river banks.	
Rivers.	<b>E</b>	Check river levels and water speed before attempting activity. Postpone or cancel if river is too swift.	

**People**

Exposure to sun, wind, temperature changes.	<b>M</b>	Include in pre-course briefing to bring along sun cream, hat, warm clothing and jacket to allow for sudden weather changes. Participants reminded at frequent intervals; role modelled by parents and teachers. Shade sought at appropriate times.	
Pre-existing medical conditions, accidental injuries during activity,	<b>M</b>	Pre-existing medical conditions disclosed to instructor prior to activity, they need to carry their own medication for any medical conditions they may have. i.e. epipen, inhaler. Ensure that there is a Group first aid kit with group and that everyone knows who has it.	
Inadequate food / fluid for activity.	<b>M</b>	Pre-briefing emphasises need for breakfast, regularly eating snacks (incl. travel) & need for consistent hydration. Water available at Lodge. Leader provides for regular food & water breaks,	
Insufficient Activity briefing	<b>E</b>	Briefing to follow SOP Activity Briefing Checklist –Opportunity for participants to ask questions given – and answered!	

**Equipment / Clothing**

Clothing or equipment not sufficient.	<b>E</b>	Pre-activity planning to ensure guidance given on appropriate clothing and footwear and day packs. Check personal and p/pant equipment –Footwear to be worn for activity. Ensure all have warm waterproof clothing. Warm clothing and hats with students	
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Participant medical details checked:	Y/N	Participants requiring special attention: If available to the lodge.	
<p><b>Emergency Plan - include any location/venue, activity or person specific emergency details/information</b> Ensure everyone knows what to do in case of an emergency (if you are incapacitated) such as where the emergency equipment including communication device and first aid kit is located</p> <ul style="list-style-type: none"> <li>• <b>Recognise an emergency has occurred/ is occurring</b></li> <li>• <b>Assess the situation and determine the severity of the event</b></li> <li>• <b>Apply Ngatuhua Lodge Emergency Procedure – SMP part 1.11 Emergency plan.</b></li> </ul> <p><b>First Aid Kit:</b> Group First Aid Kit located at Lodge.</p> <p><b>Additional Emergency landlines available at:</b> Custodians Cottage.</p> <p><b>Additional emergency No's:</b> For all emergencies your first point of call is <b>111</b>. Ask them for the assistance you require. Be prepared to provide them information on the patient. A copy of the Pre hospital reporting form can be found in the lodges SMP document; Part 4.3 PHEC reporting form.</p> <p><b>Getting lost:</b> Stop, seek shelter &amp; stay warm, conserve food, wait for searchers, if you hear them calling for you respond but only do so once you have heard them. Use a whistle if you have one, three blasts in distress and two blasts for searchers. For the full Ngatuhua Lodge SAR procedure please refer to the lodges SMP, Part 1.13 Annex A SAR Procedures wall chart.</p> <p><b>Injury:</b> Apply appropriate first aid. Bleeding: pressure, cover and elevate fractures: support, immobilise, minimise patient's pain, ensure an adequate blood supply to any fractured limbs, protect an open fracture from infection. Treat for shock, get help, monitor and record vital signs. Record all relevant information such as how the incident occurred, any medication that was given and when.</p> <p><b>Death:</b> Cover, call police, initiate Ngatuhua Lodge's Emergency Communication process, and manage group. Look for signs of life and apply appropriate first aid. If person deceased, cover the body, secure the group. Contact police for further advice.</p> <p><b>Hypothermia (Cold Exhaustion):</b> Stop activity, seek shelter (get out of the wind), remove all wet clothes, replace with dry ones, keep warm (wrap patient in emergency blanket or sleeping bag), if conscious give light snacks and lukewarm drinks with sugar (cordial, sweet tea), Keep warm. Seek medical help or advice by phone or radio. Unconscious: Same as above except nil by mouth, Place in a sleeping bag with another person in the recovery position and monitor. Keep the rescuer warm and well fed, rotate with other people if possible (we don't want them getting hypothermia as well).</p> <p><b>Hyperthermia (Heat Exhaustion):</b> Move person to cooler shaded area, sit or if feeling dizzy lie them down and elevate feet, remove excess clothing, give drinks particularly electrolytes, sponge bare skin with cool water, particularly around the neck and head.</p> <p><b>Dehydration</b> Be able to recognise symptoms. Patient to rest and take fluids a little at a time until they are able to continue.</p> <p><b>Allergic reaction (Bee Sting or other):</b> Establish if the victim is allergic if not treat irritation, remove sting etc. If they are allergic, this would have been established before activity, give medication e.g. adrenaline to largest muscle nearest the sting. If they are not allergic, they may choose to have an antihistamine (upon parent approval in the case of juniors) to help with the swelling and irritation. Rest and observe and seek medical help, evacuate if needed. If they are not allergic, they may choose to have an antihistamine (upon parent approval in the case of juniors) to help with the swelling and irritation.</p>			
<b>Hazard Management Checklist</b>			
<input type="checkbox"/> Hazards assessed for significance <input type="checkbox"/> Significant hazards included on page 1 <input type="checkbox"/> Communication devices that meet policy requirements available <input type="checkbox"/> First Aid kit that meets policy requirements available <input type="checkbox"/> Course director and Instructors meet minimum warrant requirements <input type="checkbox"/> Supervision structure meets discipline specific SOPs <input type="checkbox"/> Participant medical details checked <input type="checkbox"/> Intentions left (if required) <input type="checkbox"/> Activity level is appropriate to the groups capability			
<b>Sign off:</b>			
<b>President Ngatuhua Lodge outdoor education society incorporated:</b>		<b>Instructor/Custodian Ngatuhua Lodge</b>	