

PERU RSRC 2019 - Risk Assessment - White Water Rafting Lunahuana

RISK ASSESSMENT DRAWN UP BY SAN SILVESTRE SCHOOL AND MARKHAM COLLEGE.
ROUND SQUARE REGIONAL CONFERENCE 2019

Country: PERU	Assessment date: 15/06/18	Initially written by: Harr Hildebrand and John Vincent	Reviewed by: 15/11/18 Next review by: 15/12/18
Hazard	RISK LEVEL	MITIGATION	INCIDENT RESPONSE
Immersion - drowning (entrapments, unconscious casualty)	Low	<p>Raft Grade 3 rivers or below. Do not raft above grade 3. Establish with the provider - Candela Tours when the river was last inspected for new hazards/alterations.</p> <p>Discuss current and potential water levels with the provider - Candela Tours - in relation to: Flow indicator/marker. Municipality has a defined maximum water level above which commercial river activities are prohibited. Recent rainfall. River catchment characteristics – (could the river flash flood?). Weather forecasts.</p> <p>Helmets to be worn by all participants. Buoyancy aids to be used: Check they are fit for purpose (Consider stitching, UV damage and foam shrinkage, buckles, webbing, suitable adjustment). Fitted correctly – physically check that PFD does not lift up on upward pull at shoulder strap and does not restrict breathing. Participants to identify swimming level as part of the registration process</p> <p>Local raft guide to brief the team on: Correct fitting of buoyancy aids. Action/position in response to instructions e.g. 'hold on' 'get down' Action on man-overboard. How to get back into the raft – PFD shoulder straps to be used. Action on capsize of raft. Bank hazards (e.g. wet / polished / algae covered rocks). Receiving throw line – hold to chest, on your back, face-away from guide. Rescue by safety kayak - feet up facing the kayaker.</p>	<p>Raft guide / supervising staff to administer first aid and manage the rest of the group. Support vehicle follows the flotilla. Health post Lunahuana 10 minutes away. Nearest hospital is in Canete, 40 minutes away.</p> <p>Equipment carried by the Candela Tours Raft Guides include:</p> <ul style="list-style-type: none"> • First aid kit • Rescue Rope (in throw bag) <p>This river has roadside access throughout almost all of the distance we raft. Specific access points are known by both the raft guides and the support drivers, in case a participant needs to be extracted from the river.</p>

		Defensive swimming position (Lie on your back, straight position - 'keep your bum up, feet together and pointing downstream.) Position in raft/participation based on water confidence.	
Injury / coldness through inappropriate clothing	Medium	Check clothing and footwear (closed toe, no crocs) worn, as per kit list. Continually monitor for signs of hypothermia (shivers, general demeanour etc) River section is short and weather is almost always warm and sunny.	Support vehicle follows the flotilla.
Pre-existing medical conditions	Low	Refer to medical summary. Consider participation. Cold water immersion can induce asthma attacks. Rafting can be a physically demanding activity.	Raft guide / supervising staff to administer first aid and manage the rest of the group. Support vehicle follows the flotilla. Health post Lunahuana 10 minutes away. Nearest hospital is in Canete, 40 minutes away.
Team member – incompetence	Low	Ensure the team understands the briefing points. Clarify / re-enforce / ask the guide to repeat where necessary. Position in raft/participation based on water confidence. If no participation, alternative activity is tour of Inkahuasi Incan ruin, accessible by the group bus.	Support vehicle follows the flotilla- it is possible to withdraw participants at various points.
Paddles – various	Medium	All participants briefed on safe handling of paddles on land and in boats. Correct grip of paddles - maintain hold of T piece while in the raft. Teach correct paddling technique.	Raft guide / supervising staff to administer first aid and manage the rest of the group. Support vehicle follows the flotilla. Health post Lunahuana 10 minutes away. Nearest hospital is in Canete, 40 minutes away.
Physical nature of the activity - soft tissue damage (sprains, twists and stretches)	Low	Local guide/leader to brief, demo and coach correct paddling techniques. Rescue back in to raft using shoulder strap as oppose to arms/wrists. Only guides to load / unload the rafts from the vehicles	Raft guide / supervising staff to administer first aid and manage the rest of the group. Support vehicle follows the flotilla. Health post Lunahuana 10 minutes away. Nearest hospital is in Canete, 40 minutes away.
Rafting company competence	Low	Rafting companies provide experienced staff (logged river hours) Have training plans and in house assessment. Have major incident plans – identification of evacuation routes/methods. They make the following equipment checks: <u>Rescue/Emergency Equipment</u> <ul style="list-style-type: none"> - Rescue knife. - Throw bag. - Wrap (pulleys, krabs and prussic). - Flip line (nylon tape approx. 20mm x 4M of tape and karabiner). - Whistle. - First aid kit. <u>Raft Equipment</u>	

		<ul style="list-style-type: none"> - Raft repair kit. - Pump. - Visual inspection – existing repairs, valves etc. - Suitably inflated. - Entrapment hazards – perimeter lines, bow and stern lines etc. <p><u>Allocated guides</u></p> <ul style="list-style-type: none"> - Have been trained, assessed and inducted on guiding this river - Have experience on the Canete and other rivers. - Are first aid trained. 	
Guide capacity (ratios)	Low	Company provides the correct number of rafts and guides for the group size. Safety kayaker will support the flotilla. Guides to ensure that the flotilla adheres to the BCU CLAP principle (Communication, Line of Sight, Avoidance of Hazards, Position of Maximum Usefulness).	
Chaperone supervision	Low	Each Barraza will include two fully-participating chaperones. Each raft will include one of these chaperones or an allocated experienced Markham/San Silvestre staff member and 4-5 delegates and a qualified Candela Tours Rafting Guide.	

This Risk Assessment has been drawn up by representatives from San Silvestre School and Markham College, based on our assessment of the likely risks to conference attendees and the mitigating actions that will be taken by representatives from our schools in order to manage those risks. As host schools, we expect and require that accompanying adults from participating schools will maintain a close watch on their student delegations and remain mindful of their own duty of care for their students throughout the duration of the conference.