

RISK ANALYSIS MANAGEMENT PLAN



Activity	Adventure Stream		Date	Oct 2011
Location	Living Springs	Instructor: Client Ratio 1:15	Other	
Hazards	Significance (1 minor 2 major 3 life changing)		Eliminate/ isolate/ minimize	
Slippery surfaces	Yes 2		Minimize	
Onga Onga	No 1		Eliminate/ Isolate	
Dam	Yes		Minimize	
Bridges	No 1		Isolate	
Cliffs	Yes 3		Minimize/ isolate	
Water	Yes 3		Minimize	
Debris in Canyon	Yes 3		Minimize/ Eliminate	
Fixed water piping	No 1		Isolate/ eliminate	

Risks specific to activity: (potential losses, accidents, injury, other forms of damage, risk).

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|----------------------------|----------------------|
| Fatality | Flooding |
| Broken Bones/ Dislocations | Natural Disaster |
| Cuts/ Bruises | Equipment Damage |
| Hypothermia | Environmental Damage |
| Physiological Damage | Loss of Process |

Casual factors (lemons)	Risk reduction strategies
PEOPLE Unknown fears anxiety Students failing to follow instructions Trip not adequate for clients No Trip planning Lack of teaching/ progression Instructor not competent/ trained Unknown medical conditions	Pre assessment of Clients Firm rules/ understanding of instructions Personal assessment/ judgment Trip Plan organized/ Back up plan Teaching Plan for Instructor Training and assessment for Instructor Medical Forms
EQUIPMENT Equipment Failure Inappropriate clothing/ equipment Insufficient gear/ emergency gear Insufficient food/ fluid	Assessment of Equipment/ Log Books kept Gear List available Checklist for everything Quality food/ fluid and emergency
ENVIRONMENT Moving Debris Flooding Damage to Equipment Damage to Environment Littering/ Excrement	Avoid potential hazardous areas, local knowledge Weather forecast, understand river hydrology Place Equipment in area Damage free Briefing and Respect for environment ECC ethical Guidelines (Take out everything)

Canyoning - EMERGENCY MANAGEMENT

Emergency procedures to manage each identified risk. Emergency gear required

1. Fatality

Experienced Party/ Instructor, Group management skills, Pre trip Planning	Note Book, First Aid, Warm Gear, Whistle, R/T
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2. Broken Bones/ Dislocations/ Cuts/ Bruises

Slow moving group, instruction on good techniques	First Aid, Note Book, Whistle
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3. Hypothermia

Checking for right clothing/ fluid/ food	First Aid, Note Book, Spare Equipment
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4. Physiological Damage/ Claustrophobia

Soft Skills facilitation, reassurance, Debrief	Note Book, Food, Thermos
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5. Flooding/ Natural Disaster

Don't enter Canyon in severe flood	Note Book, Survival Equipment, Whistle
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6. Loss of Process

Stop and Re plan, Take action	Whistle
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7. Environmental Damage

Secure Boundaries , avoid potential areas	Whistle, Notebook, Tape
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National Standards Applicable

NZOIA – Cave 1, Rock 1, Abseil 1

Minimum skills required by staff/volunteers

Group/ Risk Management Skills Excellent group Facilitation Skills NZOIA Rock 1, Cave 1 Equivalent Current First Aid, Log Book of Current Training
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Final approval

Accept

Reject

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Comments

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