



RISK ANALYSIS AND MANAGEMENT SYSTEM

ACTIVITY/SITUATION: CAVING: HARD

RISK SYMBOL:



RM/ AREA IN CAMP: KARAMU CAVE SYSTEM: BELOW THE KEY HOLE TO CAMPSITE AND BACK

DATE: 00/00/00

DATE REASSESSED: AUGUST 2010

ANALYSIS		DESCRIPTION		
RISKS Accident, injury other forms loss		⇒ Getting lost	⇒ Grazes	
		⇒ Fear related conditions	⇒ Asthma/other medical conditions	
		⇒ Hypothermia	⇒ Drowning	
		⇒ Broken bones/sprains/strains		
CAUSAL FACTORS Hazards, perils, dangers	PEOPLE	EQUIPMENT		ENVIRONMENT
	<ul style="list-style-type: none"> ⇒ Group splitting up ⇒ Poor assessment of fears ⇒ Inadequate clothing/footwear ⇒ Slipping/falling ⇒ Leader incapacitated ⇒ Unclear instructions ⇒ Clients not listening ⇒ Medical Conditions 	<ul style="list-style-type: none"> ⇒ Lights failing ⇒ Hard hats not fitting 	<ul style="list-style-type: none"> ⇒ Falling debris ⇒ Flooded streams ⇒ Heavy showers 	
RISK MANAGEMENT STRATEGIES	Normal Operation	<ul style="list-style-type: none"> ⇒ Minimum 2 experienced Guides. ⇒ Guide leading & 'Tail end Charlie' at back ⇒ Adult /child supervision ratio of 1:4 ⇒ Check clothing/footwear and that safety gear is adequate ⇒ Certified First Aider ⇒ Safety covered prior to trip into cave ⇒ Adjust caving route to suit conditions, numbers and experienced guides. ⇒ While caving monitor for people for risk of Hypothermia/injury. Abort if necessary ⇒ Person not in the group is aware of the location, route, party number and expected exit time. Will report when party has not returned one hour after exit time 	<ul style="list-style-type: none"> ⇒ Caving lights and helmets to be worn ⇒ First Aid kit carried with survival blanket. ⇒ Take any medication needed. ⇒ Take energy food e.g. peanut slabs and clean water. ⇒ Vehicle left at road with a cell phone to raise alarm if needed. 	<ul style="list-style-type: none"> ⇒ Avoid unstable environment - i.e. - rocks, flooding, heavy rain
	Emergency	<ul style="list-style-type: none"> ⇒ Safely Exit cave or if unable stay put. ⇒ If appropriate send someone to raise the alarm or wait till Contact person informs search and rescue. ⇒ Survival blankets used ⇒ Share remaining lights and be economical with them ⇒ First Aider carries out necessary first aid ⇒ Find high dry ground ⇒ Contact person will inform search and rescue if group late. ⇒ See emergency procedure policy 		