



High Ropes Course Risk Management Plan

Lutanda Toukley

School: _____ Year: _____ Dates: _____

Program: _____ Supervising Staff: _____

Activity Context

High Ropes is a fun way to challenge participants in their confidence, decision making and balance skills. The High Ropes Course at Lutanda Toukley is built on trees and platforms and consists of challenge elements approx. 4 metres above the ground, and includes a 30 metre flying fox. Participants use safety lanyards that prevent them from detaching from the course (under normal use) as they navigate the different high rope activities.

This document contains the specific risks, control measures and grading for the high ropes course activity. Please refer to the document **General Activity RMP – Lutanda Toukley** for a list of general risks and control measure relevant for all Lutanda Toukley activities, as well as risk rating information.

Risk Management Plan

Hazard / Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
<i>High Ropes Specific – Risk factors specifically associated with the high ropes course activity at Lutanda Toukley</i>				
Fall from height	<ul style="list-style-type: none"> Pre-activity briefing conducted by Activity Facilitator All participants must wear correctly fitted harness and helmet, and safety lanyards Participants shown how to use safety lanyards, and demonstrate the use of lanyards prior to going on the high course Activity Facilitators check that participants are connected to course and check equipment prior to participant starting Lanyards use a locking system that prevents a participant becoming detached from the belay line under normal use 	Rare	Major	Low
Slipping/Falling While attached to course, onto lanyards	<ul style="list-style-type: none"> Belay cables have appropriate slack to allow participant to naturally slide into middle of cable and away from supporting objects Appropriate covered footwear required to be worn for activity Appropriate technique explained to participants on difficult sections High Ropes activity cancelled or stopped during extreme wind or wet weather 	Likely	Minor	Medium
Impact By participant on flying fox <ul style="list-style-type: none"> To other persons To tree / pole Flying fox platform 	<ul style="list-style-type: none"> Termination point of flying fox fitted with tyres to prevent participant hitting tree Participant instructed to step off platform after instructor performs check of landing area Cargo nets used to prevent participants from impacting platform on flying fox Flying fox landing area fenced / marked Participants briefed on staying out of flying fox area during initial briefing 	Unlikely	Moderate	Medium

High Ropes Course Risk Management Plan – Lutanda Toukley

Hazard / Risk Description	Existing Control Measures	Risk Rating		
		Likelihood	Consequence	Control Effectiveness
Entanglement - Hair, clothing or jewellery - Head entrapment between belay lanyards	<ul style="list-style-type: none"> All loose clothing, jewellery and other objects that may become entangled are to be removed for the activity Long hair is to be tied back for the activity Lanyard arms are different lengths to help prevent getting head stuck Participants briefed on where to place hands on flying fox Rescue system is readily available and staff trained to rescue stuck / entangled participants 	Unlikely	Moderate	Medium
Falling Objects Causing injury; eg. equipment, loose items etc.	<ul style="list-style-type: none"> All High Ropes equipment is attached to system, regular checks to ensure no loose items Participants briefed on not carrying loose items, participants checked for loose items before starting course Participants required to stand clear of any rescue operation being performed Trees regularly inspected by arborist for likely falling branches 	Unlikely	Moderate	Medium
Inverting Where participant flips upside down while on course	<ul style="list-style-type: none"> Proper harness fitting demonstrated, and harnesses checked for each participant prior to starting course Harnesses are full body harnesses Attachment point for harnesses discourages accidental flipping 	Unlikely	Minor	Low
Participant stuck on course	<ul style="list-style-type: none"> Participants briefed on self-rescue at start of activity Rescue kit readily available and Activity Facilitator trained in rescues 	Possible	Minor	Medium
Structure Failure Safety of the high ropes course structure	<ul style="list-style-type: none"> High Ropes Course built by advanced rigger Regular inspections of structure and anchors performed by activity staff Yearly inspections by external assessor performed Yearly inspections and maintenance by arborist of trees 	Rare	Catastrophic	Medium

Risk Rating Matrix

All identified risks are recorded in the following risk matrix according to likelihood and consequence. The purpose of this matrix is to provide a snapshot of all identified risks and establish the level of risk to determine if further treatment is required.

<i>Likelihood</i>	<i>Consequences</i>				
	1 - Insignificant	2 - Minor	3 - Moderate	4 - Major	5 - Catastrophic
1 - Rare	1	2	3	4 Fall from height	5 Structure failure
2 - Unlikely	2	4 Falling object, inverting	6 Entanglement, impact	8	10
3 - Possible	3	6 Participant stuck	9	12	15
4 - Likely	4	8 Slipping/falling onto belay lanyards	12	16	20
5 - Almost certain	5	10	15	20	25

Risk Treatment

1-4 Low Risk <ul style="list-style-type: none"> Risk does not generally need to be managed any further (current controls are adequate), however the risk needs to be monitored for changes in circumstances and current control effectiveness. Risk generally may be accepted. 	10-14 High Risk <ul style="list-style-type: none"> Risk is unacceptable, risks must be further treated or removed to bring rating to medium Risks are to be re-assessed by Activities Manager
5-9 Medium Risk <ul style="list-style-type: none"> Risk needs to be regularly monitored for any changes and control/treatment effectiveness. Risk may be accepted after consideration. 	15+ Extreme Risk <ul style="list-style-type: none"> Unacceptable risk, urgent attention is required to treat or remove risks Management to consider elimination of activity

Risk Assessment Conducted by: *Program Manager, Lutanda Toukley*

Date of Risk Assessment: *15th June 2017*

Date of Review: *May 2018*