

Appendix 2 Hazard Identification Matrix

Hazard	Uncontrolled Probability	Uncontrolled Outcome	Eliminate E Isolate I Control C	Control Measures	Controlled Probability	Controlled Outcome
Riders on tracks beyond their ability	High	Major Rider injury	C	Educate through information in Membership Pack. Signage that shows track grades.	Medium	Minor rider injury
Slippy, rooty tracks	High	Medium Rider Injury	C	Educate through information in Membership Pack. Signage that shows track grades	Medium	Minor rider Injury
Drop offs / Jumps	High	Major Rider Injury	I / C	Educate through information in Membership Pack. Signage for Grade 4 and 5 trails. Build bypasses.	Medium	Medium Rider Injury
Fallen trees	Medium	Medium Rider injury	N/A	Check trails after storms. Close trails if necessary till tree / hazard removed.	Medium	Minor rider injury
Bridges / Timber structures	Medium	Medium Rider Injury	C	Build structures with treated timber, galvanised nails. Get engineer to inspect prior to use	Low	Minor Rider injury
Walkers / Runners / Dogs	Low	Minor rider injury	C	Educate through information in Membership Pack. Signage.	Low	Minor rider injury
Other moving vehicles	Medium	Major rider injury. Minor driver injury	I / C	Forest management to ensure uncontrolled vehicles / incompetent drivers are not in forest.	Low	Minor rider injury. Minor driver injury
Working in forest under instruction of PCBC	Medium	Major injury	C	Brief personnel of hazards and emergency procedures. Consider risk and potentially close track when work underway.	Low	Minor injury.
PCBC approved vehicles	Medium	Major rider injury. Minor driver injury	I / C	Abide by PCBC vehicle rules. Educate through information in Membership back.	Low	Minor rider injury. Minor driver injury

				Ban any dangerous drivers.		
Track builders tools	Medium	Medium trail builder injury	I / C	Team leader to ensure tools are used by competent persons only. Use appropriate gloves, goggles etc. Beware of others around you. Keep tools in good condition.	Low	Minor trail builder injury
Forest fire	Medium (depending on season)	Multiple user injury / fatality	C	Educate through information in Membership Pack. Good Signage. No smoking. No fires. In case of fire, make way to open ground downwind of fire.	Low	Multiple user injury / fatality
Sunburn	High	Skin cancer	C	Advise of hazard in Membership Pack.	Medium	Skin cancer
Tree felling debris either side of trails	High	Rider impalement	C	Process of removing closest debris ongoing during trail maintenance. Advise of hazard in Membership Pack.	Medium	Lesser risk of impalement
Bee / wasp stings	Low	Anaphylactic Shock	C	Members allergic to stings should take their own precautions. Advise of hazard in Membership Pack.	Low	Minor stings
Bike failure	Medium	Major rider injury	C	Educate users in Membership pack that bikes must be fit for purpose for PCBC level of track and well maintained.	Low	Minor rider injury
Shuttle trailer	Medium	Multiple major rider injury	C	Trailer to have current WOF. Shuttle leader to keep members off the trailer box. Advise of hazard in Membership Pack and users to follow rules.	Low	Minor rider injury
Logging Activities	High	Multiple fatality	I	No PCBC and public access during logging activities.	Low	Complete isolation eliminates risk
Archery	High	Fatality	C	Segregate. Ongoing dialogue between clubs. Signs to avoid Breadheads trail on a Sunday when archery is in progress.	Low	Isolated
Riders going wrong direction	High	Major injury	C	All tracks are currently deemed as one way. Downhill only with the exception of Horse Track. Educate members through rules and website updates.	Low	Minor rider injury.

Hunters	High	Fatality	C	PCBC and Forest Management Dialogue to establish ground rules required.	Medium	Work in Progress
Drowning	High	Fatality	I	Do not swim in fire ponds. Add to membership pack.	Low	Isolated
Dehydration	High	Minor injury	C	Added comment on de-hydration in Membership Pack. There is no clean water available in the forest.	Low	Minor
High Winds	Medium	Major injury	C	Try and avoid riding in high winds as they can destabilise the bike and cause trees to blow onto the tracks.	Low	Minor
Isolation	High	Injury	C	The gullies have no cell coverage. Remind members in Membership packs to bring a whistle well charged phone, GPS, EPERB.	Low	Minor