



PRR vs KRR Mob Match 2024 Risk Assessment – general assessment
(adopts Scottish Athletics RA base template; see also course assessment)

Event Name	PRR vs KRR Mob Match 2024					
Name of organisation	Perth Road Runners					
Event type (delete as appropriate)	Trail race					
General description of the event	9.42km (~6 mile) trail race, held on estate roads, tracks and paths on the Murthly Estate , Murthly, ~10 miles north of Perth					
Number of attendees	130 runners (max) – 110 expected	Athletes	20 (max)	Staff/Officials/Volunteers	~30	Spectators
Description of the area to be included in the risk assessment	Race course, plus 1km road approach to it from race HQ plus ancillary HQ areas (car parks etc). Race HQ is Murthly Village Hall (PH1 4EN).					
Any other relevant information						
Date of risk assessment	21.05.24	Date of event	20.08.24	Assessment completed by (name/role)	Mark Crawford (Race Director 2024)	

Category	Hazard	Who might be harmed and how?	What controls are already in place?	What further controls/actions are required?	Timescales for further actions	Responsible Person (Role)
This could be categories of types of hazard (eg. all hazards relating to work at height) or categories relating to areas of the event space or people/equipment affected (eg. car park risks or risks to runners on the course)	A hazard is a specific thing that could cause harm. This ranges from vehicle collisions in the car park to collisions between runners to a fire in the registration building. Hazards will have different levels of likelihood and severity.	Consider who could be affected by a hazard and what could happen to them. This could be general (all runners) or specific (the Starter), and consequences could vary from bruises and strains to major injuries or fatality in worst case scenarios.	Are any controls already in place at the event venue? If your event requires a complete build, this column may be fairly empty, but even measures like reduced-speed signage in the local area could be an existing control	What else can you do to reduce risk? 1. Can the hazard be eliminated? Is the piece of equipment, for example, essential? 2. Can you substitute a risky piece of equipment for another with less risk? 3. Can you isolate the risky area (eg. fence off the area to spectators)? 4. Is there any signage in place to warn of the hazard? 5. Can you provide PPE to reduce risk?	When will you put your control measures in place? This could be X weeks or months in advance (eg. delivery of training to volunteers), during event set-up or even ongoing throughout the event (eg. regular checks for good housekeeping)	Many actions will be down to you as the event organiser, but will others in your team be able to help? Use the person's role/title (eg. project manager, health and safety officer, COVID-Coordinator) to allocate duties
Safe movement of people and vehicles	Vehicle collisions and of vehicles with people within the event car parks at Murthly Village hall (limited on hard surfaces in front of hall + larger grass area behind/alongside)	Athletes, spectators, event staff, volunteers, officials, members of the public using the car parks Vehicle collisions can cause injuries, often severe, to people involved, as well as damage to vehicles, property and equipment.	Limited. In particular, the grass area is used for public access (walking, access to playground) so controls will be necessary.	At least 2 event marshals in high-viz vests will be on duty in the car parking area to direct cars on arrival, keeping traffic slow and spaced through narrow gateway, away from pedestrians and sequentially guided to available parking zones and slots to reduce interaction of incoming cars.	Marshals to be appointed 2 weeks prior and briefed on the day.	Volunteer Manager
Fire	Fire in registration building/race HQ (Murthly Village Hall)	Athletes, spectators, event staff, volunteers, officials, members of the public.	Both venues have existing fire escape/evacuation plans.	Officials and volunteers will be briefed in advance by facility managers (via Race Director and Volunteer Manager) at school and track to effect evacuation in line with existing fire plans.	Familiarisation with existing fire measures in fortnight before race	Race Director and Volunteer Manager
Specific equipment (catering)	Fire, electrocution, injury, burns, scalding etc at catering facilities at Murthly VH/race HQ.	Athletes, spectators, event staff, volunteers, officials.	Standard village hall measures – signage etc – but handling is more critical.	See separate catering risk assessment. Volunteers chosen for catering will be briefed on risks.	2 weeks ahead and on the event day	Catering Manager

Category	Hazard	Who might be harmed and how?	What controls are already in place?	What further controls/actions are required?	Timescales for further actions	Responsible Person (Role)
Medical considerations	Slips, trips or falls on uneven.	Athletes. Slips and trips can be serious, leading to cuts, bruises, sprains and strains or even broken bones.	Use of suitably-qualified first aid team (PRR's own first aiders). Safety briefing e-mailed to participants in advance reminds of the importance of wearing suitable footwear. Race briefing on day.	Course inspection (by course marking team) on day of the event will identify areas of particular concern. Certain points may be flagged up to runners, or cordoned off and the route redirected if severe. Hazard points on course will carry CAUTION RUNNERS signs as a reminder.	Course walk carried out on the morning of the event.	Leader of course marking team and Race Director
Medical considerations	Bumping, jostling or trips whilst overtaking and in racing	Athletes Trips and falls can be serious, leading to cuts, bruises, sprains and strains or even broken bones	Appointment of a suitably qualified first aid team (PRR's own first aiders). Race numbers capped (130) to ensure that the number of participants is suitable for the course.	Briefing at race HQ to remind athletes to take care on course and esp whilst overtaking.	Athlete briefing at race start.	Race Director
Medical considerations	Dehydration	Athletes Dehydration – although a very low risk in a 6M race – has potential (at the extreme) to hospitalise runners if conditions are hot.	A small, makeshift water station will be in place (at fishing hut at 5K mark) if temperature is expected to be much above 20 deg C.	Briefing on start line to remind athletes a) to take water if hot and b) of location of water station.	Athlete briefing at the start.	Volunteer Manager and Race Director
Medical considerations	Ticks and Lyme Disease	Athletes and marshals Ticks (live in undergrowth of course) attaching to runners/marshals can transmit Lyme Disease	Runners likely to run in shorts so not well protected. Tick repellent will be available for application at race HQ	Briefing of athletes at start and in pre-race messages advocating measures to left	Athlete briefing at the start	Race Director

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		(long-term debilitating effects)	and/or start. Runners advised to check selves after race to remove any ticks they may find.			
Welfare Facilities	Illness due to cleanliness of facilities provided	Athletes, spectators, event staff, volunteers and officials. Facilities, although temporary, should be of an acceptable standard to prevent the spread of illness.	Toilets to be monitored for cleanliness throughout the event. Marshals, wearing event high viz, will be advised to report any issues communicated to them by event attendees. Issues to be dealt with as they arise.	none	Marshals to be appointed 2 weeks prior and briefed on the day. As soon as possible after an issue has arisen.	Volunteer Manager
Safe movement of people and vehicles	Collisions between people and motor vehicles on race course and getting to/fro the course.	Almost exclusively athletes, but just possibly spectators, event staff, volunteers, officials.	Very low on course risk as vehicle-travelled Estate roads are only 20% of course and these see very limited traffic. However, drivers will not be expecting runners so controls are required. Estate drive is speed-limited (15mph) but this limit appears often to be breached. Also runners will jog <i>en masse</i> between race HQ and the start/finish before and after the race	See separate Course Risk Assessment, which attends to specific risks at key points on race course. Runners to be briefed at race start of key risks therein and of necessary action(s). Any works or changes on/to course to be watched carefully in last few days of race. In accessing the course, runners to stay firmly on pavement and be very aware of passing traffic on B9099.	Briefing at race start. Route to be looked over in days before race and on day by set-up team.	Race Director and Leader of course marking team

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			and measures will be required here.			
Safe movement of people and vehicles	Collisions between people and non-motor vehicle traffic (bikes, pushchairs, prams, etc) and pedestrians/dogs etc on race course.	Mainly athletes and members of public, but possibly spectators, event staff, volunteers, officials.	Much of the Estate and its paths is/are used for public access (walking), although such traffic is very light. There are few warnings for those users so we must provide.	See separate Course Risk Assessment, which attends to specific risks at key points on race course. Runners to be briefed before race to respect other path users and avoid collision. Any pathworks or changes to be watched carefully in last few days of race.	Briefing at race start. Route to be looked over in days before race and on day by set-up team.	Race Director and Leader of course marking team
Inclement/adverse weather	Heavy rain on event day	Athletes, spectators, event staff, volunteers, officials, members of the public. Heavy rain can lead to difficult conditions underfoot or, in extreme cases, flooding. Wet conditions increase the risk of slips and trips, as well as to lapses of concentration or discomfort due to being outdoors in wet weather, or even the risk of hypothermia.	The race HQ building is large enough to provide some shelter in case of extreme precipitation (eg hail). Should parts of the course be flooded due to rain in advance of the day, the route may be re-directed and/or sections of the park cordoned off. If rain is forecast, pre-event information will remind participants to bring suitable footwear and spare clothes.	Any areas of concern shall be highlighted to runners on the start line, including information about any points where the course has been redirected due to flooding. If the race cannot be run safely due to the extent of the rain, the race shall be cancelled.	Athlete briefing at the start of each race. Decision to divert or cancel to be made as soon as possible in advance based on forecast or on the day	Race Director
Planned review date/period		This is a one-off event, and a return to the course is not expected. Although the event will be reviewed after, this risk assessment will not be updated, although may form the body of the RA for our next Mob Match.				



Mob Match 2024 (Murthly Estate)

Course risk assessment

compiled May 2024 by Mark Crawford, Race Director 2024

1) This is a course **risk assessment**. It does **not** seek to be a definitive **navigation** guide to the MM24 course, which is far better seen at
 Not every marshal and turn is shown below, only those points on the course that pose an appreciable risk feature.

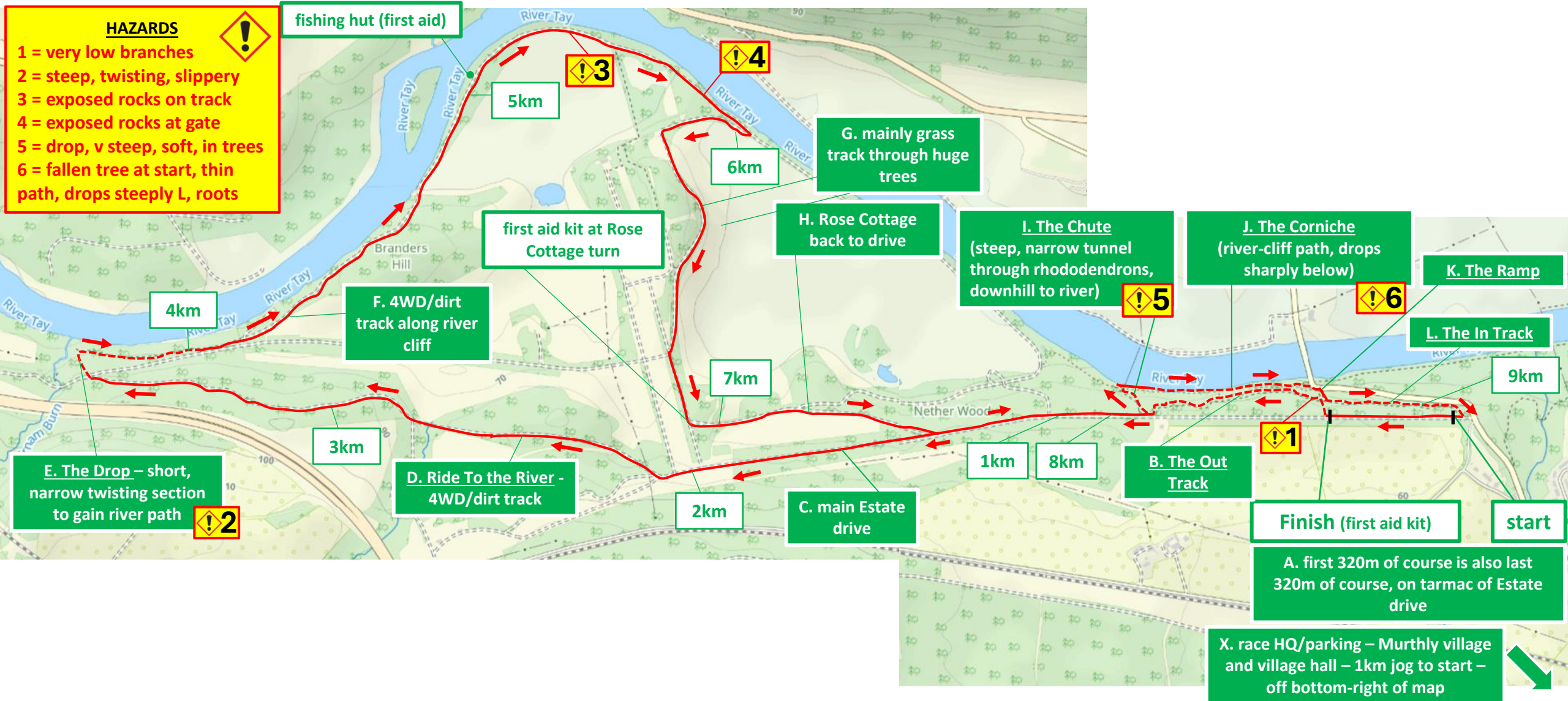
<https://www.plotaroute.com/route/2407005>

2) To identify risk points mentioned, this RA should be used in conjunction with the navigation guide to the course mentioned in 1 above and the map that adjoins this RA.

point number	location	distance km	Risk level HIGH/MED/LOW	Persons at risk from hazard	Nature of risk	Measures to reduce risk (to LOW)
X	from Murthly Village Hall to Estate gates - jog to and from start	-	MEDIUM	athletes, vehicular traffic	large groups of runners => poss collision with passing traffic	runners to break into smaller groups (briefed to do this) and keep to pavement all of 1km journey
start	start line, 40m inside Estate gates	0	LOW	athletes	crowding/pushing, slips on road surface	briefing on start, separate starts for M and F, 4-column start arrangement, faster runners at front of columns
start	start line, 40m inside Estate gates	0	MEDIUM	athletes, vehicular traffic	cars turning into drive encounter runners massing at start => collision	warning signs on entry to drive, hi-vized marshal to slow / warn entering traffic
A	Estate drive from start to turn onto Out-Track	0-0.32	LOW	athletes, vehicular traffic	sharp turn => slip; drive traffic => risk of collision	slip risk in briefing; marshals to ask/hold/slow traffic to allow start runners to clear; runner protocol to move to R side of drive at finish
B	Out Track	0.32-0.82	LOW	athletes	low branches at start, tree roots, tight turns => possible trips	brief runners of risk in pre-race guide and at Village Hall before start; marker tape on low branches; first aid measures in place
C	Estate drive to turn onto Ride To The River	0.82-2.10	LOW	athletes, vehicular traffic	drive traffic => risk of collision	runner protocol to move to R side of drive (in either direction) to allow cars to pass easily
D	Ride to The River	2.10-3.66	LOW	athletes	soft track, rutted surface => possible trips	brief runners of risk in pre-race guide and at Village Hall before start; first aid measures in place
E	The Drop	3.66-3.75	MEDIUM	athletes	sharp drop and turn => trip/fall risk	warning sign; briefing of athletes on risk (written in guide, verbal before race)
F	4WD track along Tay	3.75-5.90	MEDIUM	athletes	two passages of very rocky surfaces, some potholes	warning signs at rocky areas, briefing of athletes of this risk (verbal and guide before)
G	Grass track from Tay to Rose Cottage	5.90-7.00	LOW	athletes, vehicular traffic	runner/vehicle collision risk on castle drive; roots and rough surface=>trip risk	runners to move to R for vehicles; briefing of trip risks
H	Rose Cottage back to main drive	7.00-7.62	LOW	athletes	rough surface=>trip risk	briefing of trip risks
I	The Chute	8.16-8.28	MEDIUM	athletes	sharp turns, tree roots, steep and soft descent through low trees => slip/trip/fall risk	sign to warn of hazard; pre-briefing of risk, checking all branches clear of runners before race by course markers
J	The Corniche	8.28-8.80	MEDIUM	athletes	sharp turns, tree roots, narrow track with drop to side => slip/trip/fall risk	sign to warn of hazard; pre-briefing of risk, checking of any loose branches/stones on track before race by marking team
K	The Ramp	8.80-8.90	LOW	athletes	very steep slope/ramp - slippery if wet => slip risk	sign to warn of hazard (only if wet); briefing as above
L	The In Track	8.90-9.19	LOW	athletes	rough surface and tree roots =>trip risk	briefing of trip risks
finish	finish line	9.19-9.42	LOW	athletes	funnel, slowing runners, slips on road surface	marshalled finish funnel (athletes moved through to prevent sharp stops), FINISH signs

KRR-PRR mob match course 2024

Course risk assessment map



X. race HQ/parking – Murthly village and village hall – 1km jog to start – off bottom-right of map

Mob Match 2024 – catering risk assessment

Organisation name: Perth Road Runners

Assessment compiled by: Mark Crawford, Race Director 2024

Compiled: 22nd May, 2024

What are the hazards?	Who might be harmed and how?	What are you already doing?	Do you need to do anything else to manage this risk?	Action by who?	Action by when?	Done
Slips and trips	Staff and visitors may suffer injury if they trip over objects/trailing cables/rubbish or slip on spillages.	Wipe up spills immediately. Staff to look for . A visual sweep of area before such hazards on set-up and before runners arrive.	No			
Manual handling	Staff risk injuries or back pain from handling heavy/bulky objects.	Staff to use good manual handling practice (use legs, not backs; work together with heavier items).	No			
Burns and scalds	Possibility staff may be burned/scalded from hot liquids/surfaces/steam.	Staff to familiarise themselves of how tea urns work and of hazards therewith. In event of injury, first aiders (both professional and trained members of PRR) and kit available at venue and brought with by Race Director.	No			
Fire	If trapped, staff and visitors could suffer fatal injuries from smoke inhalation or burns.	Venue has fire evacuation plan; all catering team to be made familiar with this on set-up.	No			
Allergies	Visitors could have allergic reaction to foodstuffs offered.	Catering team will not know of ingredients in provided food (is volunteer-provided), so runners to be made aware of risk in signs at catering tables.	No			
Cleaning	Staff risk skin irritation or eye damage from direct contact with cleaning chemicals. Vapour from cleaning chemicals may cause breathing problems.	Non-hazardous chemicals used and stored in a safe area at venue.	No			
Covid-19	Catering team may contract the COVID-19 virus through contact with infected people, touching contaminated surfaces or breathing contaminated air.	Anti-bac handwash in shed and toilet with hand sanitizer available for customers.	No			
Moving vehicles	Workers and customers.	Catering team to park vehicles unloading food in immediate Village Hall car park and to be aware of vehicles in motion when loading and unloading.	No			