



# MOUNTAIN BIKE NATIONAL CHAMPIONSHIPS



CYCLING  
NEW ZEALAND

PRINCIPAL PARTNER  
**APL**  
WINDOW SOLUTIONS

## TECHNICAL GUIDE



27-28 FEBRUARY 2021  
CHRISTCHURCH



Published – 17/02/21

## 1. WELCOME

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A warm welcome to all our riders and supporters here at Christchurch for the 2021 Torpedo7 Mountain Bike National Championships.

This event is our premium mountain bike national event and spectators will be treated to a showcase of top level cross country and downhill racing.

Thank you to Christchurch Singletrack Club and Gravity Canterbury, their volunteers and support personnel who are vital to the success of the event. Also to the Commissaires who play a fundamental role in supporting the integrity in our sport – and give their time voluntarily to officiate events throughout the country.

Thank you to our valued partners, Torpedo7 and Design Windows for their support.

To all of our riders, on behalf of Cycling New Zealand and our Principal Partner APL we wish you all the best for the upcoming days.



Jacques Landry  
CEO, Cycling New Zealand

## 2. KEY CONTACTS

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Event Manager	Charlotte Pearson	021 292 0563
Event Director	Janette Douglas	027 644 8921
Race Manager – Cross Country	Murray Anderson	
Race Manager - Downhill	Will Keay	
Chief Commissaire (PCP)	Jeremy Christmas	021 304 872
Assistant PCP	Mark Darvill	
Assistant Commissaires	Ryan Cooney	
	Mike Inwood	
	Cameron McLeod	
	Andrea Murray	
	Waine Harding	

## 3. EVENT WEBSITE

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For more information please check the event website <https://mountain-bike-nationals.cyclingnewzealand.nz/>

#### 4. EVENT PARTNERS

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We would like to extend our thanks to the event partners whom without their support the event would not be possible.



#### 5. EVENT LOCATION

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The Cross Country event will take place at Crocodile XC MTB Park, Kennedy's Bush, Halswell. The Downhill event will take place at Christchurch Adventure Park, 225 Worsleys Rd, Cracroft.

#### 6. LICENSING

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All entries in UCI Categories must be 2021 Cycling New Zealand Annual Licence holders or have a license from their National Federation.

All entries in Non-UCI Categories must be a 2021 Cycling New Zealand Annual licence holder or purchase a Cycling New Zealand one-day licence at the time of entry.

All riders are also required to be a member of an affiliated MTB Club.

#### 7. RACE OFFICE

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The race office is located from the Cycling New Zealand tent at Crocodile Park, and from the office building at Christchurch Adventure Park.

#### 8. RACE PACK PICK UP

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Race Pack Pick up (Registration) is available during the following times.

Date	Time	Location	Event
Friday 26 February	10am – 4pm	Crocodile XC MTB Park	XCO
	1pm – 4pm	Christchurch Adventure Park	DHI
Saturday 27 February	7.30am – 1pm	Crocodile XC MTB Park	XCO
	9am – 4pm	Christchurch Adventure Park	DHI

## 9. TIMING AND NUMBER PLATES

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All riders will be issued with a race number and race plate. The race number must be attached to the back of the rider's shirt. Race numbers must be displayed on the handlebars of the bicycle. Pins and zip ties will be provided at race pack pick up.

Altering, cutting or placing of unauthorised sponsors' logos on numbers will result in a fine and/or disqualification. All riders must display their race numbers if riding the course on the official practice day(s) or on race day(s). Downhill riders will not be allowed on the downhill transport unless they have a number attached to the handlebars of their bicycle.

Timing transponders will also be provided to riders at race pack pick up. These must be secured around your front fork and returned after your race.

## 10. LATE ENTRIES

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Cross Country – late entries into the Cross Country event (NON – UCI categories only) will be accepted on Friday only at race pack pick up between 10am – 4pm at Crocodile XC Park. There are NO Eftpos facilities, please bring cash.

Downhill – Downhill entries are at capacity therefore no late entries will be accepted.

## 11. RULES

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The event is run under the Rules and Regulations of the UCI  
<http://www.uci.ch/inside-uci/rules-and-regulations/>

The MTB Protection Policy applies and is required to be adhered to by all riders. See Section 6 in the [MTBNZ Technical Regulations](#) for more information.

## 12. HEALTH AND SAFETY

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The event is committed to providing and maintaining the upmost health and safety standards by enduring that all risks and hazards associated with the vent are adequately identified and managed to prevent harm in accordance with the Health and Safety at Work Act 2015 (HSAW2015)

The safety of the riders, officials, volunteer and spectators are included in the event planning. This includes (but not limited to) course inspections, course marking, directional signage, hazard warning signage, communications and first aid provisions.

The venue and course is in a public mountain bike park and other users may be present during the event.

The event courses are designed for mountain biking and required a certain amount of skill is required. By entering this event you are deemed to have the sufficient level of experience and skill to ensure your own safety. It is your responsibility to manage your own safety during the event, to be aware of other road users at all times and to make responsible decisions. There is course taping in place however, there may be public and official traffic on the circuit during your race.

The event is held in an outside environment and weather conditions are likely to be very changeable. Please ensure you are prepare for inclement, adverse or extreme (hot or cold) conditions. If you have any questions or concerns regarding Health and Safety please report to the Event Director or the Chief Commissaire.

### 13. MEDICAL

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Medical support will be present at the venue. Notify an event official in the case of medical attention being required. **In the event of an emergency please call 111.**

The nearest after hours medical centre is:

Pegasus 24 Hour Surgery  
401 Madras St  
Christchurch  
03 365 7777

The nearest hospital is:

Christchurch Hospital  
2 Riccarton Ave  
Christchurch Central City, 8011

### 14. WITHDRAWING FROM THE RACE

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If you are pulling out of a race, you **MUST** notify officials at the finish line. This is to ensure that everybody is accounted for at the conclusion of the race.

### 15. ANTI-DOPING

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Drug testing could happen at any time and will be administered by Drug Free Sport NZ. Anti-doping officials will inform riders chosen. Drug Testing will be undertaken in provided facilities on site at the event village.

### 16. RACE BRIEFING

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For XCO – riders will be briefed on the start line prior to their race start.

For DH – riders will be briefed prior to seeding run. Please see times in schedule below. Important information including any updated race or course information, any key safety messages, changes to the event or contingency plans will be provided at these briefings.

### 17. SCHEDULE

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**Please note this programme is subject to change.**

Day	Details	Event	Time	Location
<b>Friday 26<sup>th</sup> February</b>	Commissaire XCO Course Walk	XCO	9am – 11am	Crocodile Park
	Race Pack Pick up	XCO	10am – 4pm	Crocodile Park
	XCO Practice	XCO	11am – 5pm	Crocodile Park
	XCO Team Pit set up	XCO	3pm – 4pm	Crocodile Park
	Commissaires DHI Course Walk	DHI	12pm – 2pm	CAP
	Race Pack Pick up	DHI	1pm – 4pm	CAP
	DHI Course Walk	DHI	2pm – 4pm	CAP



<b>Saturday 27<sup>th</sup> February</b>	Race Pack Pick up	XCO	7.30am – 1pm	Crocodile Park
	Race 1 Call up U15, U17 M	XCO	8.00am	Crocodile Park
	Race 1 Start U15, U17 M	XCO	8.15am	Crocodile Park
	Race 2 Call up Sport & Masters M	XCO	9.25am	Crocodile Park
	Race 2 Start Sport & Masters M	XCO	9.40am	Crocodile Park
	Race 3 Call up U19 M	XCO	11.05am	Crocodile Park
	Race 3 Start U19 M	XCO	11.20am	Crocodile Park
	Race 4 Call up Elite, U23, U19, U17, U15, Masters & Sport F	XCO	12.45pm	Crocodile Park
	Race 4 Start Elite, U23, U19, U17, U15, Masters & Sport F	XCO	1.00pm	Crocodile Park
	Race 5 – Call up Elite M, U23 M	XCO	2.45pm	Crocodile Park
	Race 5 – Start Elite M, U23 M	XCO	3.00pm	Crocodile Park
	Presentations for all grades	XCO	5.00pm approx.	Crocodile Park (CAP – Wet weather option)
	DHI Practice	DHI	10.00am – 3.00pm	CAP
	DHI Practice – Elite only	DHI	3.00pm – 4.00pm	CAP
<b>Sunday 28<sup>th</sup> February</b>	DHI Practice	DHI	8.00am - 10.00am	CAP
	DHI Practice – Elite only	DHI	10.00am - 11.00am	CAP
	DHI Briefing	DHI	11.15am	CAP
	DHI Seeding Run	DHI	12.00pm - 2.00pm	CAP
	DHI Race Run	DHI	2.30pm - 4.30pm	CAP
	Presentations	DHI	5.00pm	CAP

## 18. CATEGORIES

The following event categories are available for both men (boys) and women (girls). Age is calculated as at 31 December 2021.

XCO – Cross Country	UCI Categories	<p>Elite - Riders aged 23 or over (as at 31 December 2021)</p> <p>U23 - Riders aged between 19 - 22 (as at 31 December 2021)</p> <p><i>The Elite/U23 races will be run as a Combined Race. In the case of a U23 winning the Combined Race only one (Elite) National Jersey will be awarded to that rider. In the case of an Elite winning the Combined Race, the winner will be awarded with an Elite National Jersey and the first placed U23 rider will be awarded with a U23 National Jersey.</i></p> <p>U19 (Junior) - Riders aged between 17 - 18 (as at 31 December 2021)</p>
	NON - UCI Categories	<p>U15 - For Riders aged between 13 - 14 (as at 31 December 2021)</p> <p>U17 - For Riders aged between 15 - 16 (as at 31 December 2021)</p> <p>Sport- For Riders aged between 17 - 29 (as at 31 December 2021)</p> <p>Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2021)</p> <p>Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2021)</p> <p>Masters 3 - For Riders aged between 50+ (as at 31 December 2021)</p>
DH - Down Hill	UCI Categories	<p>Elite - For Riders aged 19 or over (as at 31 December 2021)</p> <p>U19 (Junior) - For riders aged 17 - 18 (as at 31 December 2021)</p>
	NON - UCI Categories	<p>U15 - For Riders aged between 13 - 14 (as at 31 December 2021)</p> <p>U17 - For Riders aged between 15 - 16 (as at 31 December 2021)</p> <p>Sport - For Riders aged between 17 - 29 (as at 31 December 2021)</p> <p>Masters 1 - For Riders aged between 30 - 39 (as at 31 December 2021)</p> <p>Masters 2 - For Riders aged between 40 - 49 (as at 31 December 2021)</p> <p>Masters 3 - For Riders aged between 50+ (as at 31 December 2021)</p>

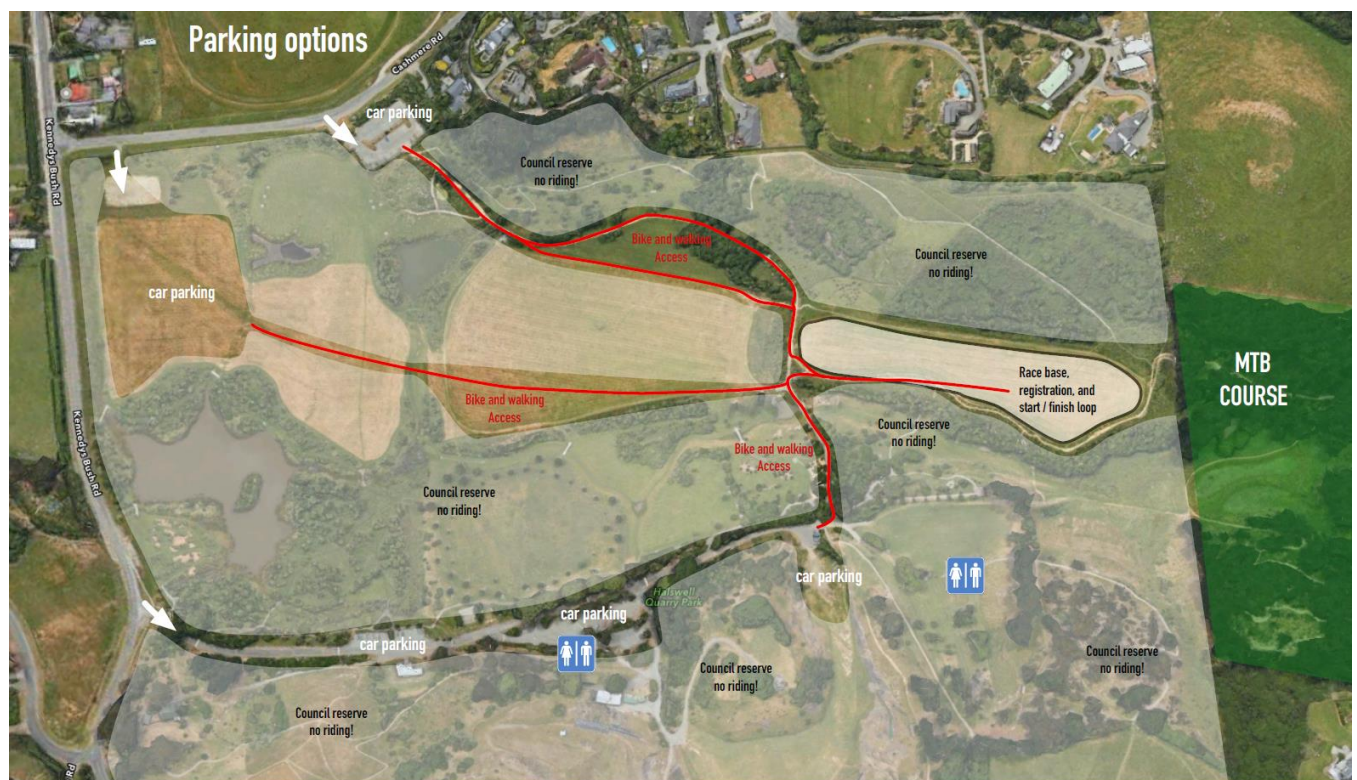
## 19. POINTS

The following events are registered with the UCI and will be eligible for UCI Points. UCI points are being awarded as per the UCI Regulations for the appropriate points scale, and summarized as follows:

	National Championships
<b>DHI Downhill</b>	
Men's and Women's Elite	Top 10
<b>XCO Cross Country</b>	
Men's and Women's Elite/U23 Combined Race	Top 10
Men's and Women's Junior	Top 5

## 20. PARKING

XCO – Event parking is available in the paddock off Cashmere Rd, see map below. Please follow the signs for event parking.



DHI – Parking is available in the Christchurch Adventure Park main carpark, 225 Worsleys Rd.



## 21. PIT SITES

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### XCO

- Tents can be set up in the village on Friday or Saturday. Vehicle access into the village to drop off tents and gear can be from 3pm – 4pm on Friday or from 7 – 7.30am on Saturday, and again after 5pm on Saturday to pack down. At any other time, gear will need to be carried in from the carpark.
- Vehicles can be used as part of your tent area but once vehicles are parked in place they cannot drive away until after racing has finished (approx. 5pm)
- All Gazebos must be weighted or pegged down and secured in place.

### DHI

- Tents can be set up after 3pm on Friday or between 8am – 10am on Saturday morning. \*\* (Gates will not be open prior to 8am so there is no point arriving early!)\*\*
- Tents are to be erected between the yellow fire hydrants down towards the car park under the pine trees.
- All tents must be secured to the ground by means of pegs or specific weights.
- Any pegs used must NOT be longer than 400mm.
- Vehicles can be used as part of your tent area but once vehicles are parked in place they cannot drive away until after training/racing has ended for the day. This area is a high traffic area for bikers and foot traffic so we do not want vehicles coming and going throughout the day.

## 22. FOOD AND BEVERAGES

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There will be food and coffee available for sale at both venues.

## 23. SMOKE, DRUG AND ALOCHOL FREE

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The entire event is smoke, drug and alcohol free. Please ensure all your supporters are aware of this.

## 24. MEDAL CEREMONY PROTOCOL

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Riders are responsible for ensuring they are at the presentation area at least 10mins prior to the presentation taking place. Medals winners must make themselves known to officials upon arrival.

See programme for presentation times.

## 25. TORPEDO7

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The team from Torpedo7 will be onsite at both venues and offer free servicing (Ts&Cs apply). Look out for the Torpedo7 tent!

## 26. SOCIAL MEDIA

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Event Facebook	<a href="https://www.facebook.com/CyclingNZL">https://www.facebook.com/CyclingNZL</a>
Instagram	<a href="https://www.instagram.com/cyclingnewzealand">https://www.instagram.com/cyclingnewzealand</a>
Twitter	<a href="https://twitter.com/CyclingNZL">https://twitter.com/CyclingNZL</a>
Website	<a href="https://mountain-bike-nationals.cyclingnewzealand.nz//">https://mountain-bike-nationals.cyclingnewzealand.nz//</a>
Event Hashtag	#MTBNats

## 27. XCO EVENT INFORMATION

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Course lap: Approx. 4km

XCO laps provided in the following information are given as a guide only. Lap numbers will be determined and published on Friday 26 February and may be subject to changes on race day as decided by the President of the Commissaires Panel.

Category	Race Time Guidelines
U15 Boys and Girls	45m – 1.00h
U17 Boys and Girls	1:00h – 1:15h
Junior (U19) Women	1:00h – 1:15h
Junior (U19) Men	1:00h – 1:15h
Sport Men and Women	1:00h – 1:15h
Masters Men and Women	1:00h – 1:15h
U23 Men and Women	1:15h – 1:30h
Elite Men and Women	1:20h – 1:40h

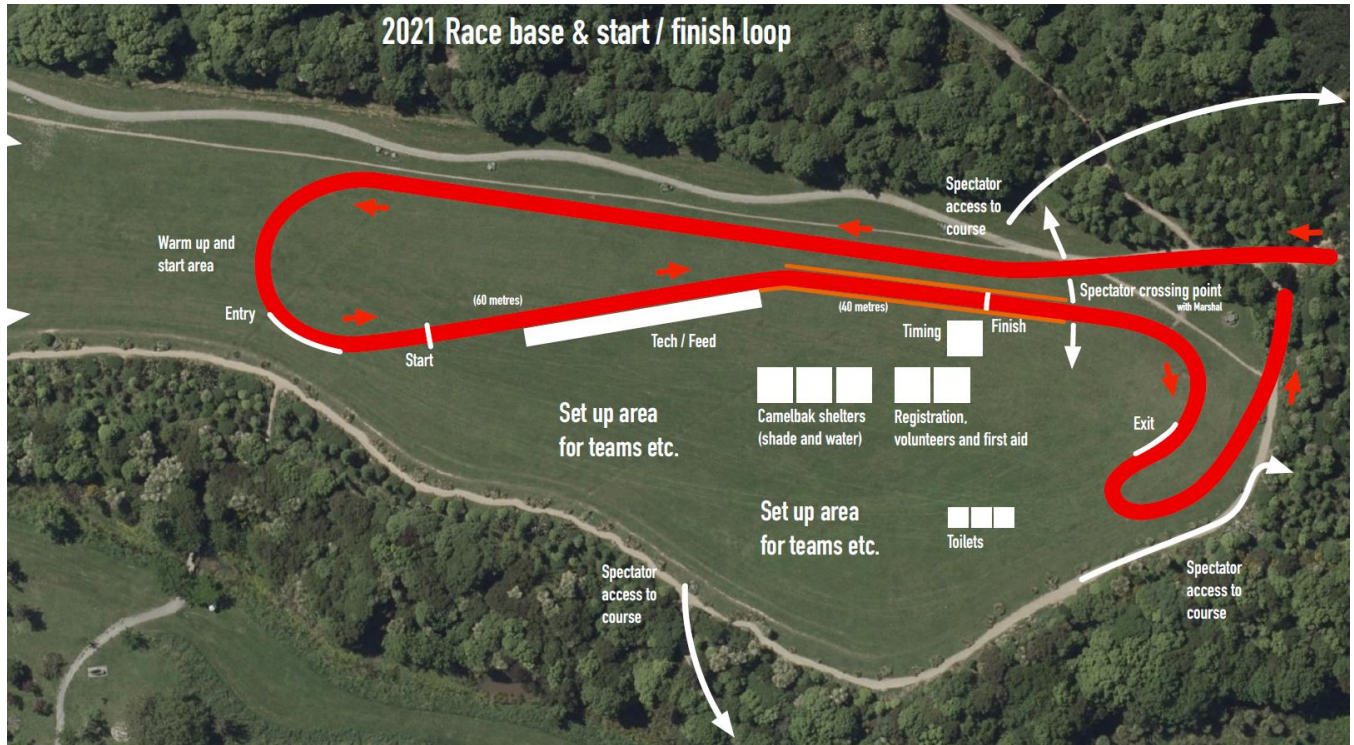
**Start Lap** – the first lap enters the course in the trees at Download and then continues up C2. The following laps will enter the trees and ride up Elegator. The Start Lap is 2.95km with 110m climb.

A rider's race **ceases when the winner of their class finishes**. I.e. riders complete their current lap. Lapped riders continue to ride and finish only when the first rider in their class has completed the event.

**80% rule** – For Junior, Under 23 and Elite level XCO races, the 80% rule will apply at the discretion of the President of the Commissaires Panel. If a slower rider is more than 80% of the time it takes the leading rider to complete a lap behind that leading rider at the start/finish line, the slower rider may be withdrawn under the 80% rule

**Feed/Tech zone** - Feeding is permitted only in the zone designated for that purpose, which is also used as technical assistance zone. Riders will pass the Feed/Tech Zone twice in one lap. Riders are permitted to one person only in the Feed/Tech zone, riders will receive a pass for their allocated person at race pack pick up.

**Training** - The course will be ready for practice from Friday 26 February – see schedule for times. Please follow event signage and ride with caution.







Deviation



The Rock Climb



Crocpot



Coopers Creek



Spurious



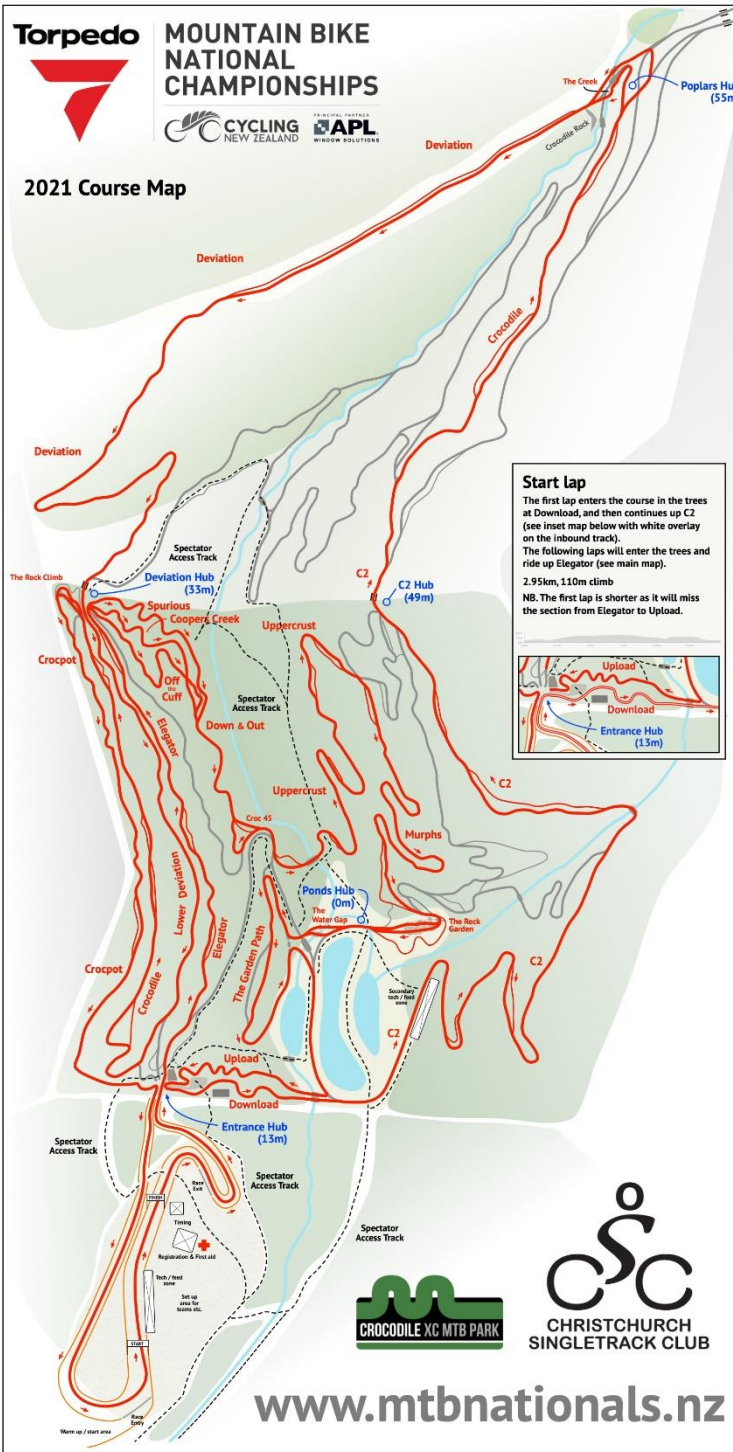
Off the Cuff



Lower Deviation



Lower Deviation



C2 climb



Deviation



Croc 45



The Rock Garden



The Water Gap



The Garden Path



Download Timberdrop



Upload

**Course Lap - approx. 4km, 180m climbing, lowest to highest point - 63m.**



## 28. DOWN HILL INFORMATION

**Practice runs** - All riders must complete a minimum of two practice runs during the allocated Practice times.

**Chairlift** - Riders will catch the chairlift to the top of the hill. No competitors are to use any transport other than the official transport supplied by the race organisers for the official downhill practice or race day(s). Riders must have their race plates on their bikes for all practice, seeding and race runs.

### Course

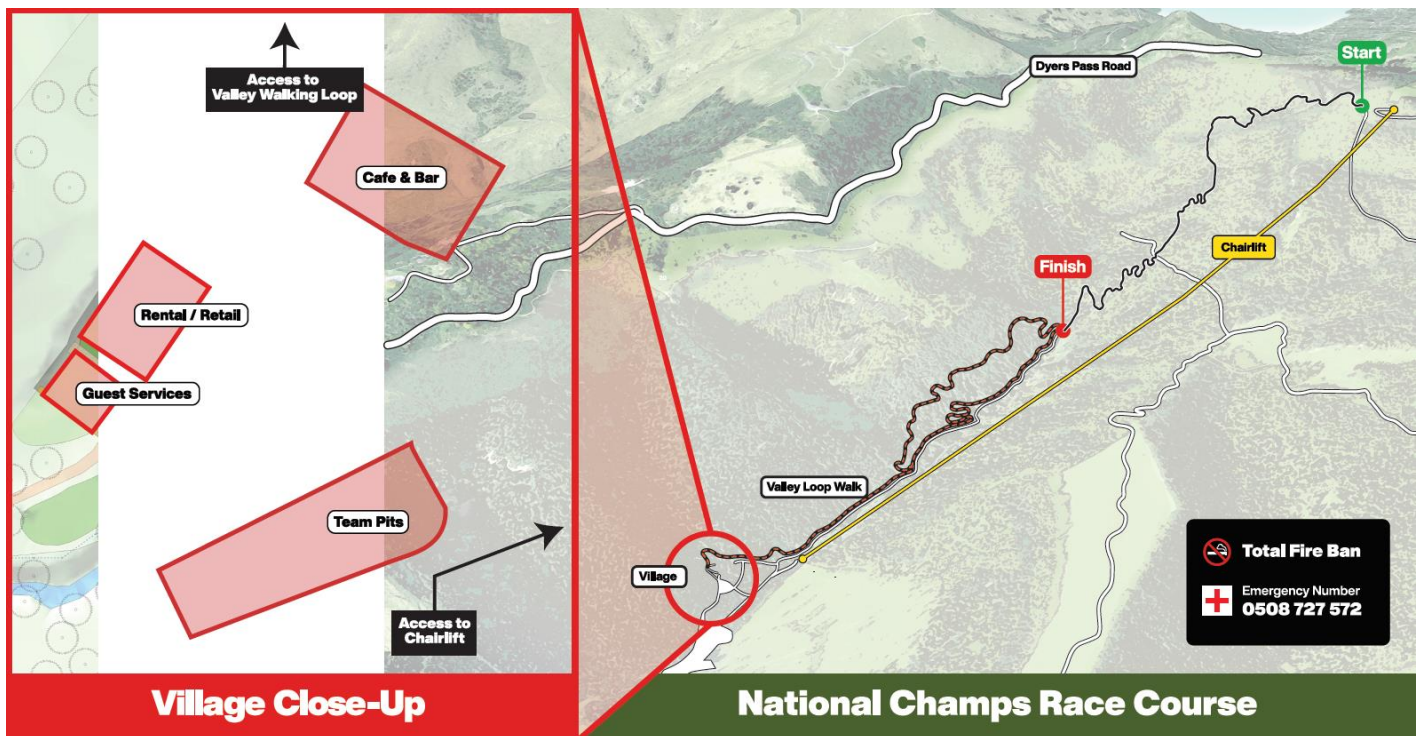
Start Elevation: 438m

Finish Elevation: 86m

Total Elevation drop: 352m

Total length: 1.74km

Estimated fastest time: 2.45 – 3.15min





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# BIKES — GEAR — SERVICES

[VIEW OUR WEBSITE](#)

We're thrilled to get behind the MTB National Championship for the next two years and encourage more Kiwis to give mountain biking a go. In New Zealand we are fortunate to have some epic mountain biking trails in picturesque settings right on our doorstep, and it's great to see the sport continue to grow in popularity every year.

Torpedo7 has over 39 years of product knowledge and expertise and offers a wide range of quality bikes and bike gear, as well as a dedicated in-store bike shop. We live for helping outdoor enthusiasts gear up with everything they need for their adventure, including some of the world's best brands:



## OUR LOCATIONS

Auckland, Hamilton, Tauranga, Rotorua, Taupo,  
New Plymouth, Palmerston North, Wellington,  
Nelson, Christchurch, Wanaka, Queenstown, Dunedin



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TREK

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# Torpedo7

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- Skilled bike mechanics with up to date training on current technology
- 19 Bike workshops nationwide!

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# FREE BIKE SERVICE\*

at our Torpedo7 tent during the event!

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\*T's & C's Apply. Free service consists of basic repairs and tuning services only. Services provided on-site will be free of charge however any parts required will be charged at regular Torpedo7 retail prices. Service hours will be limited.

**Torpedo7**





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