

Framework for Proposed Trail Development

Project Name	The Goat Farm Mountain Bike Park	
Project Location	Greenmount	
Project Area	Perth Hills District	Plan Attached
Tenure	5 G Reserve/ and a small section of National Park	

Steering Group	<p>The Steering Group will consist of the following</p> <ul style="list-style-type: none"> • Richard Coker, Westcycle • Stephnie Howells, Parks and Wildlife • Margaret McIroy, WA Mountain Bike Association • Sam Wearne, Goat Farmers • Paul Neve, Goat Farmers* • Chris Mullane, Perth MTB Club • Cambridge Taylor, Peel District MTB Club <p>(*- Paul Neve only to sit on steering group until the framework is completed due to possible future commercial interests)</p>
Background	<p>The Goat Farm Mountain Bike Park's original concept plan was completed in 2006 and included 15 Km of trail. The Park currently consist of several downhill tracks, a 4X track, cross country trails, skills track, and jumps track. All of these trails are classified as moderate (blue) to difficult (black). There are some basic facilities provided including an unsealed car park, toilets, shelter, picnic tables and bike racks.</p> <p>The Perth Hills area has been highlighted as having the potential to be a nationally significant location in the draft Perth Peel Mountain Bike Master Plan (PPMP) which is currently under development. The draft PPMP recommends that the area may be a high priority for future development. The Goat Farm Mountain Bike Park is a key location within the Perth Hills.</p> <p>The Goat Farm is used by school groups, individuals and Mountain bike clubs for various events, such as the Downhill State Championship.</p> <p>The Goat Farm is approximately 66 ha and reserved for the purposed of providing recreational opportunities and managed by the Department of Parks and Wildlife, Perth Hills District. It's located in the suburb of Greenmount within the Shire of Mundaring, and can be accessed from the Great Eastern Highway. It can also be accessed via bike from the Railway Reserve Heritage Trail</p> <p>The aim is to review, improve and enhance the existing trail network to cater for individuals, school groups and events. This would allow for the development of an exciting recreation resource for youth and enthusiasts. The facility would include high quality sustainable trails that cater for rider progression.</p>
Objectives	<p>To develop an easily accessible, high quality, sustainable mountain bike park that provides opportunities for multiple styles of mountain biking (primarily cross country and gravity focused) The park will cater for recreational riding, skills development and competitive events.</p>

	<p>The following aims have been set for the project –</p> <ul style="list-style-type: none"> • Provide a shuttle road to access gravity focused trails. • Provide additional parking for 100-120 vehicles to cater for events. • Provide a pump track adjacent to the existing car park. • Provide 2km of separate junior cross country race loop with a mix of green and blue graded trail. • Provide 3 - 4 km of green graded XCO trail with blue 'skills progression nodes' or off shoots built into the trail. • Provide 4 - 5km blue, <i>technical</i> cross country (XCO) graded trail, with alternative lines. • Provide 4 800 – 1000 m gravity focused trails that include a blue, black and double black graded trails • Provide a skills area with green, blue and black features that allow for progressive skills development • Provide a dirt jumps area, with blue and black jump lines that allow for progressive skills development • Provide high quality orientation and trail signage around the site, including clear emergency access points and related safety information. • Provide a connection to the Railway Heritage Trail
<p>Meetings</p>	<p>Westcycle will provide the secretariat for the steering group and coordinate meetings throughout the duration of the project.</p>
<p>Management Model</p>	<p>Trail owner – Department of Parks and Wildlife. Responsible for –</p> <ul style="list-style-type: none"> • Formal, annual visitor risk assessments and remediation works, • Major maintenance on supporting infrastructure, e.g. carpark, toilets, shelter. <p>Trail Operator- It is agreed that the Perth Mountain Bike Club will establish a trail adoption with the Department of Parks and Wildlife to ensure the ongoing maintenance of the Goat farm prior to any construction of new trail commencing.</p> <p>The following models may be applied to assist in funding the ongoing management and maintenance of the area.</p> <ul style="list-style-type: none"> • Sponsorship of overall site and trail network • Sponsorship of individual trails as per the Parks and Wildlife Sponsorship guidelines. <p>The Department of Parks and Wildlife reserve the right to consider commercial operation's and lease arrangements as part on the ongoing management of the Goat Farm.</p>
<p>Scope and Scale</p>	<p>Significance</p> <p>The Goat Farm Mountain Bike Park is located on a previously disturbed site. Development of this site would contribute to the health and wellbeing of the community through recreational opportunities. It may also assist in the protection of conservation values in adjacent lands, from potential impacts of illegal trail building activities. The redevelopment will also allow for the current environmental concerns such as erosion to be mitigated through the implementation of a sustainable trail model.</p> <p>Scale</p> <p>Up to 15km total trail (local significance) that will form part of the proposed greater Perth Hills national level precinct with 120 plus km of trail.</p>


	<p>Access Vehicle access is off Great Eastern Hwy, via Greenmount Rise. Cycling access is off the Railway Reserves Heritage Trail along the southern boundary of the project area.</p> <p>Infrastructure Trail development is to be centred around and maximise use of existing infrastructure investments on site – carpark, toilet and shelter.</p> <p>Staging Staging will be required to ensure funding availability; however the following is a desirable list of priorities in order.</p> <ol style="list-style-type: none"> 1. Downhill and XC 2. Shuttle Road 3. Kids Loop 4. Pump Track 5. Skills area 6. Jump Park 7. Additional car parking <p>Staging and construction order will be determined in more detail at the concept planning state based on the overall network design.</p>
<p>User Types and Styles</p>	<p>Proposed User Types –</p> <ul style="list-style-type: none"> • Leisure • Enthusiasts • Sport <p>The Goat Farm has approximately 110m of fall, and is suitable for the following styles of trails –</p> <ul style="list-style-type: none"> • cross country, • downhill, • gravity enduros • all mountain, • park <p>Overall Total Trail: 15KM</p> <p>Cross country trail Technical trail 70% Flow trail 30%. Classification breakdown:</p> <ul style="list-style-type: none"> • Easy (Green) 25% • Moderate (Blue) 60% • Difficult (Black) 15% <p>Kids cross country loop: total trail : 2KM Classification breakdown</p> <ul style="list-style-type: none"> • Easy (Green) 80% • Moderate (Blue) 20% <p>Kids loop to have some separation from other trails</p> <p>Downhill trail- Total trail: 4km Classification breakdown:</p> <ul style="list-style-type: none"> • Moderate(Blue) 50% • Difficult (Black) 25% • Extreme (Double Black) 25%

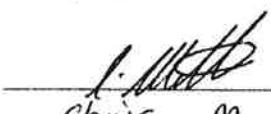
	<p>Jump park- Total maximum area: 110x60m Classification break down</p> <ul style="list-style-type: none"> • Moderate (Blue) 75% • Difficult (Black) 15% <p>Dirt jumps to be located in an area with separation from other trails.</p> <p>Pump track – Total maximum area 40x40m</p> <p>Skills area - Total maximum 200x15m</p>
<p>Trail System/Model</p>	<p>Trail systems to be a combination of stacked loops and finger trails.</p> <p>Stacked looped trails are to start from the existing facilities area and include the following trails:</p> <ul style="list-style-type: none"> • The kids trails (single direction) <p>Finger trails are to start from the top of the shuttle road and include:</p> <ul style="list-style-type: none"> • Downhill trails (single direction) • Dirt jumps (single direction) <p>Loop trails are to be accessed from the existing facilities area. and include the following:</p> <ul style="list-style-type: none"> • Skills park (single direction) <p>Cross country trail may be stacked or linked loops with the allowance for Gravity focused events and a link to the downhill trails.</p>
<p>Agreed Standards</p>	<p>Planning standards:</p> <ul style="list-style-type: none"> • The Planning process will follow the WA Mountain Bike Guidelines and ensure all appropriate requirements within this document are met. • The steering Committee will oversee the planning process in consultation with the Department of Parks and Wildlife. • The concept will only encompass the Goat Farm boundaries as per the provided maps. <p>Design standards</p> <ul style="list-style-type: none"> • Detailed design must be undertaken and meet the standards outlined in the WA mountain bike Guidelines. • Trails will be designed to minimise maintenance requirements • All obsolete trail or unsanctioned trail will be rehabilitated to the Department of Parks and Wildlife standards. • A sign plan consistent with the Department of Parks and Wildlife standards will be developed. • Visitor risk is to be addressed in the design through the provision of filters and decision points as well as clear trail signage • The design must consider for increased usage during event, including spectator points and paths. • The kid's area will have a level of separation from other trails. <p>Construction Standards:</p> <ul style="list-style-type: none"> • Construction must follow the approved detailed design and any variations will require approval.

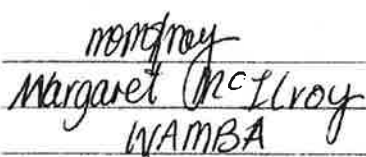
	<ul style="list-style-type: none"> • Construction may be staged to allow for funding and may be undertaken by a combination of volunteers and consultants • Construction of features and infrastructure is to be from sustainable products and were feasible fire resistant materials. <p>Prior to the commencement of construction imported materials are to be assessed for suitability and obtained from an approved site.</p> <p>A Trail adoption agreement will be signed prior to the construction of new trail, which will outline responsibilities for maintenance. A maintenance plan will be developed on completion of the new trails. Regular audits will be undertaken by the adopting club and post major events; these will feed into the maintenance plan which will be reviewed regularly.</p>
Funding	<p>Concept Plan WestCycle to submit a bid to the Department of Sport and Recreation for the Concept Plan Parks and Wildlife (Recreation and Trails unit) to contribute up to \$5,000 towards the concept Plan</p> <p>Detailed Design Funding to be determined</p> <p>Construction Funding to be determined Volunteer hours</p>
Delivery	<p>The development stages will have the following delivery;</p> <p>Concept Plan</p> <ul style="list-style-type: none"> • Delivery: Consultant • Timeframe: 2016 • Appointment to be open and transparent and a selection panel (representative from DPAW, WestCycle and PMBC) will vote on the appointment of the consultant based on the criteria set out in the concept brief. • Concept plan will require approval from the steering committee on the land manager prior to detailed design. <p>Detailed Trail Design</p> <ul style="list-style-type: none"> • Delivery: Consultant • Appointment to be open and transparent and the Selection panel will vote on the appointment of the consultant based on the criteria set out in the concept brief. • Timeframe: 2017 <p>Construction</p> <ul style="list-style-type: none"> • Delivery: Construction can be undertaken through the combination of contractors and volunteers, including the ability to engage multiple contractors. Appointment to be open and transparent and the selection panel will vote on the appointment of the consultant based on the criteria set out in the concept brief. • Timeframe: 2017 -2018
Evaluation	<p>Throughout the project the framework will be reviewed and progress evaluated against it. The following evaluation will also occur:</p> <ul style="list-style-type: none"> • Ensure project is meeting objectives by reviewing project framework at completion of each stage


	<ul style="list-style-type: none"> • Identify if the trails being used by the intended target market through annual user surveys and reviewing trail counter data. • Identify if there are any unforeseen maintenance or environmental impacts through annual audits and review of community feedback. At least 3 trail counters will be built into the budgeting for new trail and used to monitor trail usage. Regular reports will be provided to the Department of Parks and Wildlife as per the trail adoption agreement.
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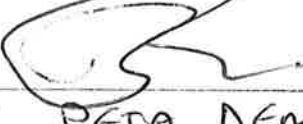
Stakeholder Approval

Signature 
 Name Paul Nere
 Organisation GOAT FARMERS MTB GROUP
 Date 12/11/16

Signature 
 Name Chris Mullane
 Organisation PMBC
 Date 12/11/16

Signature 
 Name Margaret McCloy
 Organisation WAMBA
 Date 12/11/16

Signature 
 Name Sam Wearne
 Organisation Goat Farmers MTB Group.
 Date 12/11/16

Signature  
 Name RICHARD COX PETA DEMIDENKO
 Organisation WEST CYCLE WESTCYCLE.
 Date 12/11/16 30.5.17

(As agreed to in 29.5.17 meeting minutes)

Signature

S Howells

Name

Stephnie Howells

Organisation

Department of Parks & Wildlife

Date

16/11/16

Signature



Name

JAMIE RIDLEY

Organisation

DEPARTMENT OF PARKS & WILDLIFE

Date

16/11/16

