

TRAIL ADOPTION PLAN

2012 Assessment/Work Plan

Trail: Lower Oilcan

Landowner: DNV

Trail Maintainers: Seb Kemp & Peter O'Loughlin

Trail Adopter: Dizzy Cycles



INTRODUCTION

Lower Oilcan is nice flowy trail that starts 4.5km up mountain highway from the first gate. It is a Single Black Diamond Downhill trail, the first third is flowy and rough in places, the middle third has exposed roots and some awkward dead stops to skinny low to the ground TTF's. The final third is steep with 3ft deep eroded sections this soon merges with Jerry Rig and Grannies then finishes on the BP.

ASSESSMENT AND WORK PLAN

The trail has several drainage issues and soft sections it also has plenty of small blocked streams and water areas which need to be cleaned up. Trail realignment, exposed root sections, replanting and forest reclamation sections need to be addressed in a significant number of places. With many parts in an advanced state of erosion and bad alignment Dizzy Cycles has committed to a minimum of 12 trail days over a 2year period and with the possibility of more days including the additional hours put in by the trail builders we are proposing a 2year trail plan. This year the team will clean up, armour, reclaim and fix some of the short realignment sections. 2013 we intend to reroute the lower third of the trail which will improve the sustainability, accessibility and flow of the final section.

COMMON THEME AND SOLUTIONS

Lower Oilcan has similar problems from start to end. The general theme is badly placed TTF's which disrupt flow and cause heavy braking or acceleration which in turn causes severe erosion. Bad alignment and heavy use of old skidder roads causes water and drainage issues. The common fix is to remove all existing TTF's, corral the trail to incorporate more corners and move the trail tread onto higher ground with small reroutes to help with drainage. Armour soft sections and realign entry and exits of corners to create more flow and reduce heavy braking.

MATERIAL REQUESTS FROM LAND MANAGER

None

Trail Builder: Seb Kemp & Peter O'Loughlin Trail: Lower Oilcan





Problem: Awkward skinny ramp over log manoeuvre onto rickety down ramp and rocky outrun with soft sections.

Solution: Clear existing drainage and re-establish line. The wooden transition ramps are to be removed because they are rotting and the log must be rebuilt up to on both sides with rock and dirt. The dirt will be smoothed out and reshaped to allow drainage. We will also add a roller grade reversal 3-5meters down from the log to slow riders down before the corner. Reclamation and narrowing of old trail tread to reduce trail impact.

Approximate timeline: 1 day.





Problem: Lack of alignment and maintenance has expanded the trail tread. Corners are built with poor shape and correct entry point is difficult. Trail railing and bad TTF alignment has caused trail creep and erosion.

Solution: Rebuild sequence of corners to allow more flow removing awkward stumps, adding more rock and more mineral soil. Removal of TTF's and trail rails will help drainage. Replanting and gargoyle placement on the trail gives visual and physical flow narrowing the trail tread and reducing environmental impact. Introduction of grade reversal rollers will help with sustainability and drainage.

Approximate Timeline: 1 day





Problem: Lack of alignment and maintenance has expanded the trail tread. Trail railing and bad TTF alignment has caused trail creep and erosion. Soft tread sections with poor drainage. Sections of old skidder road.

Solution: Removal of TTF's and trail rails will help drainage. Replanting and gargoyle placement on the trail gives visual and physical flow narrowing the trail tread and reducing environmental impact. Introduction of grade reversal rollers will help with sustainability and drainage. Short reroute to improve trail experience and move off skidder road.

Approximate Timeline: 1 day





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Problem: Poor alignment, long straight section, poor placement of raised rock armouring and TTF, old reroute has drainage issues due to infiltration from water course above. Exposed roots and tight corners.

Solution: Cut back tree on apex and realign entry into corner. Remove raised rock armouring and armour ground to allow water flow over trail. Narrow trail corridor and trail tread introducing gargoyle placement to add flow and corners to slow the rider down. Move trail onto higher ground to help drainage and to avoid low spots. Remove badly aligned TTF's, rock armour and clean up drainage. Realign trail with rock and log corralling. Reroute 50m of trail to change exit of corner to keep the high ground and avoid exposed roots.

Approximate Timeline: 2 days





Problem: Exposed roots, trail railing and poor drainage.

Solution: There are several areas along the entire length of the trail that require drainage and ground work to minimize root impact, improve user experience and improve sustainability.

Approximate Timeline: Half day





Problem: Straight fast section with soft sections that leads onto exposed ground rock and badly aligned, skinny, rotting TTF's which also leads onto exposed ground rock.

Solution: Coral trail and reroute straight section into forest creating big wide radius turns to control rider speed decreasing in size to line up with ground rock. Replanting and reclamation of old soft trail tread. Remove TTF's and drain. Armour soft sections where TTF's were, creating rollers and grade reversals to control speed and discourage water flowing down trail. Align trail up with second section of ground rock to keep technical aspects of the trail.

Approximate Timeline: 1 day





Problem: Fall line deep eroded rut. Poor alignment and severely eroded trail bed, water flowing on trail, advanced steep erosion fall line alignment which cause negative impact on surrounding trees. Very poor corner alignment.

Solution: Reroute trail away from the deep rut and bench cut in new section of trail to align with original switch back corner. Remove second switchback corner and continue trail on side slope until a suitable flat area is reached to switch back trail down again with more bench. Alternatively this whole section could be rerouted down nearby sustainable ground. Remove lower tight corners and make one turn. Completely decommission old line with replanting and reclamation.

Approximate Timeline: 2-5 days depending on extent of reroute.





Solution: Reroute trail off the fall line and gain some high ground, extensive replanting and reclamation of old line. Realignment of lower section onto very last sections of grannies where the short concrete bridge is.

Approximate Timeline: 2 days.



2012 TAP Trail Assessment/Work Plan Lower Oilcan

CONCLUSION

Lower Oilcan as a whole trail is definitely one of the funniest trails that starts between the 5th and 6th switchbacks but has been neglected for a number of years. For year one of the project we would clean up and remove all hazards form the fall zone. Remove all debris from the drains and clear the natural waterways. Also planned is the building of some berms and rollers to help riders maintain a slower speed but to keep the enjoyment and trill of the ride. Many sections will be re-aligned to coral riders on a certain line and stop the trail getting ever wider and more eroded. This will remove the long straight sections that aid with higher speeds and therefore prolonged periods of heavy braking which is badly eroding the trail tread. The corralling will be done by replanting vegetation and placing gargoyles, mainly rocks and logs, in specific spots to get the traffic onto higher ground for drainage and to add corners to increase the smile factor.

Originally the trail existed with a lot of TTF's currently these have all either been bypassed by reroutes or been rebuilt elsewhere on the trail. All the TTF's that are existing are either rotten or have very poor alignment which has caused major erosion or drainage issues. On the entry to the TTF or along its length has bad drainage due to it blocking the natural drainage of the land. First of all we would like to remove these and fix all drainage and alignment problems. Then in the second year of the project we would try and reconstructed some of these features but keeping in mind drainage, alignment and current up-to-date construction techniques.

Another project for the second year work plan would be the lower third of the trail this also has some major problems associated with it mainly fall line and deep ruts. Ultimately it should be rerouted to higher ground, there is a ridge line close by that would be perfect to get good gradient, easy drainage options and some nice flowy turns. Rerouting this section of Lower Oilcan would also allow more intermediate riders to ride the trail.



TRAILS FOR ALL TRAILS FOREVER