

Indicators, management thresholds, and management responses for all horse riding in wilderness trial locations

Far South Coast thresholds and responses apply to Georges Pack Track, WD Tarlinton Track and the Shoebridge Track. Thresholds were developed through a series of facilitated workshops using a Structured Decision Making approach, and follow-up review by National Parks and Wildlife Service (NPWS) staff in relation to baseline data. This approach is adaptive, and may be refined as further information becomes available.

Indicator	Monitoring level	Far South Coast		Kosciuszko		Mummel Gulf	
		Threshold	Response	Threshold	Response	Threshold	Response
Track width	Average	+10%	Notify Area Manager & key groups	+10%	Notify Area Manager who will assess need for hardening and implement as appropriate. Notify relevant stakeholders if action is required.	+10%	Notify Area Manager, who will assess options including minimal hardening/restricting with barriers (logs etc.) and implement as necessary. Consider track head signage.
		+20%	Assess need for hardening				
	Site	-	-	+20%	Assess need for hardening and implement as appropriate. Notify relevant stakeholders if action is required.	+20%	Assess need for hardening or restricting with barriers (logs etc.).

Indicator	Monitoring level	Far South Coast		Kosciuszko		Mummel Gulf	
		Threshold	Response	Threshold	Response	Threshold	Response
	Sites without existing trail	-	-	-	-	Any evidence of trail formation (Sites MDH002 & MDH007 only)	Notify Area Manager, who will assess options including restricting with barriers (logs etc.) and implement as necessary.
Soil compaction	Average	+/-100%	Notify Area Manager who will assess options for on-ground response.	+/-50%	Notify Area Manager who will assess options for on-ground response	+/-40%	Notify Area Manager, who will assess options including minimal erosion control measures and implement as necessary.
	Site	+/-50%	Notify Area Manager who will assess options for on-ground response.	+50% (fan out sites only KNP017, KNPCAMP2, KNPCAMP3)	Notify Area Manager who will assess need for remediation work as appropriate. Notify relevant stakeholders if action is required.	+/-25% (fanout site MDH007 only)	Assess need for erosion control measures.
Erosion area	Average	+20 percentage points	Notify Area Manager who will assess options for on-ground response.	20 percentage points	Notify Area Manager who will assess need for remediation work as appropriate. Notify relevant stakeholders if action is required.	+40 percentage points	Notify Area Manager, who will assess options including need for track hardening and/or erosion control and implement as necessary.
	Site	+50 percentage points	Notify Area Manager who will assess options for on-ground response.	+ 50 percentage points	Notify Area Manager who will assess options for on-ground response	+50 percentage points (steep site)	Assess need for erosion control measures.
						+25 percentage points (lowland site)	Assess need for track hardening and/or erosion control.

Indicator	Monitoring level	Far South Coast		Kosciuszko		Mummel Gulf	
		Threshold	Response	Threshold	Response	Threshold	Response
Depth in quadrat	Average	-	-	-	-	+5cm	Assess need for minimal track hardening and/or erosion control.
	Site	+5cm	Notify Area Manager who will assess options for on-ground response.	+10cm	Notify Area Manager who will assess need for remediation work as appropriate. Notify relevant stakeholders if action is required.	-	-
Weed species number	Trail	+1	Enact Regional Pest Management Strategy	+1	Enact Regional Pest Management Strategy. Notify relevant stakeholders if action is required.	+1	Enact Regional Pest Management Strategy and Walcha Area Pest Plan.
	Site	+1	Notify Area Manager and key groups	+1	Enact Regional Pest Management Strategy. Notify relevant stakeholders if action is required.	+1	Enact Regional Pest Management Strategy and Walcha Area Pest Plan.
Weed species % cover	Site	+20 percentage points	Enact Regional Pest Management Strategy	+100%	Notify Area Manager. Enact Regional Pest Management Strategy. Notify relevant stakeholders if action is required.	+25%	Enact Regional Pest Management Strategy and Walcha Area Pest Plan.
Pathogens	Site	1) Visual evidence	Soil testing	1) Visual evidence	Soil testing	1) Visual evidence	Soil testing and possible temporary site closure
		2) Confirmed presence	Temporary closure, treatment, hygiene protocol implementation	2) Confirmed presence	Temporary closure and treatment, hygiene protocol implementation	2) Confirmed presence	Temporary closure and treatment, hygiene protocol implementation

Indicator	Monitoring level	Far South Coast		Kosciuszko		Mummel Gulf	
		Threshold	Response	Threshold	Response	Threshold	Response
Heritage assets	Site	No heritage items of concern identified in trial area	-	Damage or deterioration	Enact existing management plan. Notify relevant stakeholders if action is required.	No heritage items of concern identified in trial area	-
Landscape class	Site	+1	Investigate and treat physical, social or managerial factor that caused increase.	+1	Investigate and treat physical, social or managerial factor that caused increase.	+1	Investigate and treat physical, social or managerial factor that caused increase.
Social cohesion	Trail	Complaint	All reports followed up and communicated to user groups.	Confirmed complaint	Reports followed up and communicated if necessary to users	Validated feedback	Reports followed up and communicated if necessary to users.

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