Eden Lassie Creek Management Area

MANAGEMENT PRACTICE CHANGE ADOPTION 2007 - 2013

Land Use	Management Practices	Key Pollutant	2007 % Adoption	2014 % Adoption Target	2014 % Adoption Achieved	Effort realised	% of target	Draft 2021 % Adoption Target	Cost $ '000s
Cane & Horticulture	Soil	PN, PP	D C B	C B A	D C B	L	0	*New management practice adoption targets and implementation costs will be determined in consultation with the community and stakeholders during the Water Quality Improvement Plan update process continuing throughout 2014*	
	Nutrient	DIN, FRP	D C B	C B A	D C B	H	70		
	Pesticide		D C B	C B A	D C B	L	0		
Grazing	Soil	PN, PP	D C B	C B A	D C B	L	25		
Existing Urban Management	Nutrient	DIN, FRP	NOT APPLICABLE						
New Urban Development	Soil	PN, PP	NOT APPLICABLE						

Dated practice | C Common practice | B Best practice | Cutting-edge practice

EVENT WATER QUALITY LOAD REDUCTION 2007 - 2013

Key Pollutant	Event Freshwater Quality Values: Objective 2050	Condition 2007	Target 2014	Achieved 2014	Draft Target 2021	Draft Horticulture Priority: Soil	Nutrient	Pesticide	Draft Grazing Priority: Soil	Riparian	Nutrient	Pesticide	Cost $ '000s
DissolvedInorganic Nitrogen µg/L	CC	213	CC	CC	CC	L–H	L–H				L–H		27
Filterable Reactive Phosphorus µg/L	CC	32	CC	CC	CC	L–H	L–H				L–H		
Particulate Nitrogen µg/L	CC	327	CC	318	CC	L–H	L–H		L–H	L–H	L–H		1016
Particulate Phosphorus µg/L	C	75	CC	72	CC	L–H	L–H		L–H	L–H	L–H		
Total Suspended Sediment mg/L	CC	141	CC	139	CC	L–H			L–H	L–H			
Ametryn µg/L	CC	<LOD	CC	CC	CC	L–H		L–H					44
Atrazine µg/L	CC	<LOD	CC	CC	CC	L–H		L–H					
Diuron µg/L	0.06	0.09	0.06	0.00	CC	L–H		L–H					
Hexazinone µg/L	CC	<LOD	CC	CC	CC	L–H		L–H					
Tebuthiuron µg/L	CC	<LOD	CC	CC	CC							L–H	#

CC = Current condition; LOD = Limit of Detection which is currently 0.01 µg/L for all herbicides

Tebuthiuron is not a priority due to consistently low levels of detection across the region

ECOSYSTEM HEALTH IMPROVEMENTS 2007 - 2013

Value rated	System rating (A=excellent, E=poor): Objective 2050	Condition 2007	Target 2014	Achieved 2014	Draft Target 2021	System repair actions	Draft Priority	Cost $ '000s
Flow	A	B	A	B	A	Develop and implement catchment specific flow remdiation strategies	L–H	Costs to implement system repair actions for ecosystem health improvements will be determined after management practice adoption targets have been set.
Barriers to Migration	A	B	A	B	A	Removal of barriers to migration	L–H	
Instream Habitat	A	B	A	B	A	Restoration and stabilisation of priority reaches	L–H	
Riparian Vegetation	A	B	A	B	A	Active restoration and connectivity of priority reaches. Continued grazing management on riparian land	L–H	
Estuary Modification	A	B	A	B	A	Management to improve and maintain estuary condition	L–H	
Mangroves & Saltmarsh	A	C	B	C	B	Management to improve and maintain mangrove and saltmarsh condition	L–H	