

Cape 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							NOT APPLICABLE	<i>New management practice</i>							
	Nutrient							NOT APPLICABLE	<i>adoption targets and implementation costs will be determined in consultation with the community and stakeholders</i>							
	Pesticide							NOT APPLICABLE	<i>during the Water Quality Improvement Plan update process</i>							
Grazing	Soil		D	C	B	A	C	B	A	D	C	B	A	L	2	<i>continuing throughout 2014</i>
Existing Urban Management	Nutrient							NOT APPLICABLE	<i>continuing throughout 2014</i>							
New Urban Development	Soil							NOT APPLICABLE	<i>continuing throughout 2014</i>							

■ Dated practice ■ Common practice ■ Best practice ■ Cutting-edge practice

EVENT WATER QUALITY
LOAD REDUCTION 2007 - 2013

Key Pollutant	Event Freshwater Quality Values					Draft Cane & Horticulture Priority			Draft Grazing Priority				Cost \$ '000s
	Objective 2050	Condition 2007	Target 2014	Achieved 2014	Draft Target 2021	Soil	Nutrient	Pesticide	Soil	Riparian	Nutrient	Pesticide	
Dissolved Inorganic Nitrogen µg/L	CC	48	48	48	48								59
Filterable Reactive Phosphorus µg/L	CC	3	CC	CC	CC								
Particulate Nitrogen µg/L	CC	152	CC	152	CC								170
Particulate Phosphorus µg/L	CC	37	CC	37	CC								
Total Suspended Sediment mg/L	CC	66	CC	66	CC								30
Ametryn µg/L	CC	<LOD	CC	CC	CC								
Atrazine µg/L	0.02	0.02	0.02	0.02	0.02								
Diuron µg/L	0.05	0.07	0.05	0.07	0.07								
Hexazinone µg/L	CC	<LOD	CC	CC	CC								#
Tebuthiuron µg/L	CC	<LOD	CC	CC	CC								

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)					System repair actions	Draft Priority	Cost \$ '000s
	Objective 2050	Condition 2007	Target 2014	Achieved 2014	Draft Target 2021			
Flow	A	A	A	A	A	Maintain current flow regimes		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		
Instream Habitat	A	B	A	B	A	Restoration and stabilisation of priority reaches		
Riparian Vegetation	A	A	A	A	A	Active management and protection of riparian zones. Grazing management on riparian land and adjacent to wetlands		
Estuary Modification	A	A	A	A	A	Maintain protection and management strategies to conserve estuary condition		
Mangroves & Saltmarsh	A	A	A	A	A	Maintain protection and management strategies to conserve mangroves and saltmarsh		