

Blacks 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	<div><div></div><div></div><div></div><div>PN</div><div>PP</div></div>	D	C	B	C	B	A	D	C	B	L	5	New management practice								
	Nutrient	<div><div>DIN</div><div>FRP</div></div>	D	C	B	C	B	A	D	C	B	L	5	adoption targets and								
	Pesticide	<div><div></div></div>	D	C	B	C	B	A	D	C	B	L	5	implementation costs will be								
Grazing	Soil	<div><div></div><div></div><div></div><div>PN</div><div>PP</div></div>	D	C	B	C	B	A	D	C	B	L	5	determined in consultation with								
Existing Urban Management	Nutrient	<div><div>DIN</div><div>FRP</div></div>	NOT APPLICABLE												the community and stakeholders							
New Urban Development	Soil	<div><div></div><div></div><div></div><div>PN</div><div>PP</div></div>	NOT APPLICABLE												during the Water Quality							
															Improvement Plan update process							
															continuing throughout 2014							
															Dated practice		Common practice		Best practice		Cutting-edge practice	

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	300	329	317	329	317								27
Filterable Reactive Phosphorus µg/L	30	52	50	52	50								
Particulate Nitrogen µg/L	340	693	440	674	440								7974
Particulate Phosphorus µg/L	70	215	136	209	136								
Total Suspended Sediment mg/L	CC	183	CC	178	CC								62
Ametryn µg/L	CC	<LOD	CC	CC	CC								
Atrazine µg/L	CC	<LOD	CC	CC	CC								
Diuron µg/L	0.06	0.09	0.06	0.09	0.06								
Hexazinone µg/L	0.03	0.04	0.03	0.04	0.03								#
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	C	B	C	B	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	B	D	C	D	C	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						NOT APPLICABLE		
Mangroves & Saltmarsh						NOT APPLICABLE		