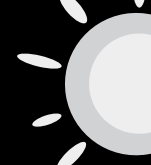


HEALTHY ENVIRONMENTS Issue: 2.2 Environmental Management

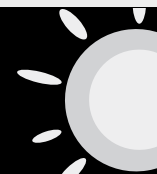


Objective(s):

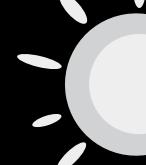
- To recognise the relationship between the environment, the community and public health and environmental sustainability

Strategy	Lead Agency and Key Partners	Timeframe	Performance Indicators/ Desired Outcomes
<p>2.2.1 Develop community awareness and education programs on environmental issues and the value of the natural environment of Townsville including:</p> <ul style="list-style-type: none"> • natural resource extension programs • the use of local native plants • reduction of environmental weeds • decreased illegal dumping • the value of regeneration • sustainable water use • urban storm water quality management issues 	<ul style="list-style-type: none"> • Townsville City Council Environmental Health • Townsville City Council Environmental Management Services • Department of Natural Resources and Mines • Environmental Protection Agency • Education Queensland • Schools 	Short	<ul style="list-style-type: none"> • Decreased financial impact of weeds • Improved ecological aesthetics • Increased input from community members on environmental issues • Implementation of education programs by schools and community groups • Local activities during National Weebuster Week
<p>2.2.2 Encourage improved water conservation and use through:</p> <ul style="list-style-type: none"> • promoting water reuse and recycle • adopting more efficient technologies • reviewing the effectiveness of pricing policies 	<ul style="list-style-type: none"> • Townsville City Council Environmental Management Services • Citiwater • NQ Water 	Medium	<ul style="list-style-type: none"> • Efficient use of water by urban users
<p>2.2.3 Implement appropriate local enforcement mechanisms and increased community awareness of the impacts of illegal dumping and water pollution including:</p> <ul style="list-style-type: none"> • education and enforcement programs for declared pest plants and animals • education and enforcement programs for illegal dumping of materials in riparian areas • enforcement programs for environmental protection 	<ul style="list-style-type: none"> • Townsville City Council Environmental Health • Department of Natural Resources and Mines • Environmental Protection Agency • Queensland Parks and Wildlife Service • Queensland Police Service 	Ongoing	<ul style="list-style-type: none"> • Reduction in illegal disposal of waste • Illegal dumping activities detected and enforcement procedures undertaken • Community aware of penalties associated with illegal dumping and procedures for reporting incidents

Strategy		Lead Agency and Key Partners	Timeframe	Performance Indicators/ Desired Outcomes
2.2.3		<p><u>Stakeholders</u></p> <ul style="list-style-type: none"> • Townsville City Council Parks Services • Department of Main Roads • Schools • Community organisations • Chamber of Commerce • Industry organisations 		<ul style="list-style-type: none"> • Residents aware of financial, social and environmental impacts of illegal dumping
2.2.4	Develop and implement an integrated litter management program	<ul style="list-style-type: none"> • Townsville City Council Environmental Health • Environmental Protection Agency • Townsville City Council Planning and Development Services <p><u>Stakeholders</u></p> <ul style="list-style-type: none"> • Education Queensland • Chamber of Commerce • Townsville Enterprise • Citiwaste • Building Industry 	Short	<ul style="list-style-type: none"> • ‘Hot spot’ analysis of adverse litter behaviour • Introduction of public place recycling • Measurable declines/less litter on Gross Pollutant Trap (80% less litter in stormwater drains and waterways) • Bins installed in strategic locations • Program implemented • Reduced collection of litter • Reduced litter from building sites



HEALTHY ENVIRONMENTS Issue: 2.2 Environmental Management



Strategy		Lead Agency and Key Partners	Timeframe	Performance Indicators/ Desired Outcomes
2.2.5	Develop an incentive program for environmental responsible behaviour including environmental awards, challenges and prizes	<ul style="list-style-type: none"> • Townsville City Council Environmental Management Services • Townsville City Council Environmental Health • Department of Natural Resources and Mines • NaREF <u>Stakeholders</u> • Environmental Agencies and Groups 	<p>Short-Medium</p> <p>Short</p>	<ul style="list-style-type: none"> • Positive environmental behaviour recognised through awards and incentives eg environmental excellence awards • Regional and State Landcare Awards
2.2.6	Develop and maintain on-going environment information databases and web based linkages	<ul style="list-style-type: none"> • Townsville City Council Environmental Management Services • Department of Natural Resources and Mines • Townsville Enterprise • HESROC- NQ <u>Stakeholders</u> • Community based organisations 		<ul style="list-style-type: none"> • Community access to the latest environment information through dynamic web based system and linkages
2.2.7	<p>Conduct research into the environmental pressures and conditions of Townsville as part of the Townsville State of Environment (SoE) reporting mechanisms, including:</p> <ul style="list-style-type: none"> • vegetation monitoring • ongoing measures taken to reduce pressure on the environment by waste minimisation and management (green waste processing, kerbside recycling, public place recycling, landfill gas recovery, metal recovery, hazardous waste management etc) 	<ul style="list-style-type: none"> • Townsville City Council Environmental Management Services • Department of Natural Resources and Mines • Citiwaste <u>Stakeholders</u> • Community • Government • Educators 	Ongoing	<ul style="list-style-type: none"> • SoE report maintained as a dynamic document including quantitative investigations into Townsville's environment

Strategy	Lead Agency and Key Partners	Timeframe	Performance Indicators/ Desired Outcomes
<p>2.2.8</p>	<p>Maintain and enhance local initiatives to reduce residential noise nuisances, including: -</p> <ul style="list-style-type: none"> • development and availability of promotional literature • incorporation into the Environmental Health/Health Promotion strategies, including mechanisms for targeting user groups and promotion of less intrusive technology/devices • enforcement of Environmental Protection Nuisance legislation • generate planning guidelines and development codes for residential noise 	<ul style="list-style-type: none"> • Townsville City Council Environmental Health • Environmental Protection Agency • Townsville City Council - Planning and Development 	<p>Ongoing</p> <ul style="list-style-type: none"> • Increase in knowledge in the community on noise issues by survey • Codes developed for air conditioners and pool pumps • Management of noise pollution at the development stage
<p>2.2.9</p>	<p>Maintain visual and scenic amenity values through education and the enforcement of Local Law and the vegetation management framework for tree clearing</p>	<ul style="list-style-type: none"> • Townsville City Council Environmental Management Services • Department of Natural Resources and Mines • Townsville City Council Planning and Development 	<p>Ongoing</p> <ul style="list-style-type: none"> • Community awareness of Local Law • Effective application of Local Law enforcement • Local implementation of a vegetation framework for tree clearing
<p>2.2.10</p>	<p>Implementation of a Local Government Area 'Pest Management Plan' Councils</p>	<ul style="list-style-type: none"> • Townsville City Council Environmental Health Stakeholders • Department of Natural Resources and Mines • Landholders • Contiguous Councils 	<p>Ongoing</p> <ul style="list-style-type: none"> • The positive impact resulting from the control of exotic pest plants and animals

