



Manly Council Environment Levy Report

A thriving community enhanced by heritage and lifestyle.

Mayor's Report

Funding from Manly's Environment Levy has provided Council with the opportunity to undertake some critical environmental work during 2009/10.

This report provides just a snapshot of some Environment Levy project achievements for the 2009/10 reporting year. Highlights have included the commencement of seawall protection works at Manly Ocean Beach, adoption of the North Harbour Coastline Management Plan and the *Green up Your Life!* workshop series. Approval was also gained for the dredging of two sites at Manly Lagoon, which commenced in November 2010.

During 2009/10 Council spent \$1,127,347 on these and other Environment Levy projects.

As for the current year (2010/11), Council has some exciting environment and sustainability projects in store. The approved Environment Levy funding program for 2010/11 is shown in the table below and sets aside \$925,000. Council's environment and sustainability projects are currently supported by over \$3 Million of Federal and State Government grant funds.

Projects that receive Environment Levy funding are selected each year based on Council's strategic environmental management priorities. These are determined in consultation with the community and drawing on advice from Council's own specialist environmental scientific and education staff.

Further information on Manly's Environment Levy projects can be located on Council's website at: <http://www.manly.nsw.gov.au/Environment> where you can also find the latest comprehensive account and evaluation of the Environment Levy and the projects it funds.



Councillor Jean Hay
Mayor

Environment Levy Program 2010/11

Program Name	2010/11
Biodiversity Program	
Management & restoration of Council's bushland areas	\$200,000
Preparation of a biodiversity strategy	\$20,000
Little Penguin & Long-nosed Bandicoot protection	\$10,000
Water Cycle Management Program	
Water cycle management	\$73,000
Water quality and quantity monitoring program	\$40,000
Implementation of Council's Water Savings Action Plan	\$65,000
Maintenance and cleaning of pollutant traps and alternative water sources (eg: water tanks)	\$67,000
Lagoon Conservation & Remediation Program	
Preparation of Manly Lagoon Flood Study	\$25,000
Manly Lagoon monitoring and management	\$20,000
Coastline Management Program	
Coastal environmental projects	\$73,000
Implementation of Manly Ocean Beach Coastline Management Plan	\$85,000
Education for Sustainability Program	
Education for Sustainability Strategy implementation	\$91,000
Climate change education	\$3,000
Ocean Care Day	\$18,000
Fair trade Manly	\$5,000
Environment Levy community - communication strategy	\$7,000
Climate Change Program	
Sea level rise modelling, mapping and planning	\$123,000
TOTAL	\$925,000



Coral tree removal along Burnt Bridge Creek

Burnt Bridge Creek Restoration

Restoration of the mid section of Burnt Bridge Creek continued during 2009/10. Bush regenerators focused their efforts on weed control, revegetation and erosion control in four sections between Kitchener and Pitt Streets, Balgowlah. The last of the coral trees were removed in the Witches Glen section, completing a long term plan to incrementally replace all coral trees in this area with native vegetation. Support from neighbouring residents ensured the project's success.



Ocean Beach seawall protection works

Sea Wall Protection Works - Manly Ocean Beach

During 2009/10 works commenced to remove the existing seawall rock aprons just north of North Steyne Surf Lifesaving Club and to replace these with toe protection measures. Toe protection works include the construction of a secant pile wall and capping beam, located below existing normal beach sand level, to better protect the footing of the existing sandstone wall against wave action and scour.

North Harbour Coastline Management Plan

Council adopted the North Harbour Coastline Management Plan (CMP) during 2009/10. The CMP identifies management measures to address community and Council devised goals and objectives for the area. It addresses matters of aquatic habitat conservation, bushland management, upgrading of

public facilities, improvement of North Harbour Reserve, coastal hazards, adaptation to climate change and heritage conservation.

Sustainable Water Resources

Council continued to reduce potable/drinking water use in Council facilities through implementing Council's Water Savings Action Plan, and by collecting and using rainwater, treated stormwater and groundwater alternatives. In 2009/10 Council implemented a water conservation initiative at Manly Swimming Pool, including the construction of additional in-ground concrete water storage tanks. The project has improved operational performance, process use, and reduced water consumption.



Location of dredging works at Manly Lagoon

Manly Lagoon Dredging Works

Manly Lagoon is presently unsuitable for primary contact activities such as swimming and secondary contact such as fishing, boating and wading. Poor water and benthic sediment quality are key environmental issues for Manly Lagoon.

This year Manly and Warringah Councils prepared a Review of Environmental Factors (REF) for proposed works to dredge and remove 6,400m³ of sediment from Manly Lagoon. The REF was reviewed by the NSW Government and approval was issued. The works, commencing in November 2010, will provide some improvement in water and sediment quality.



Penguin stencil near Federation Point

Living with Little Penguins

Interpretive signage was installed at West Esplanade, assisting education efforts to help residents and visitors coexist alongside Manly's Little Penguins. Stencils were installed to inform users of Federation Point and West Esplanade areas of dog on-leash requirements and to alert people to the presence of penguins.

Manly Lagoon Festival

This popular event was held in August 2009 on the shores of Manly Lagoon, providing an opportunity to report Manly and Warringah Councils' progress on the management of the Lagoon to the community. Highlights included Council presentations on the lagoon's history, condition, flooding and impacts as well as future actions. Popular activities included the Lab at the Lagoon, Waterbird Walk and Aboriginal Archaeological Dig.

Green Up Your Life!

Council's *Green Up Your Life!* Sustainable Living Program explores every aspect of sustainable household living through interactive workshops, documentary screenings and Swap to Shop events freely available to the community. This holistic education for sustainability program has worked with over 1,100 direct participants in the past year ensuring a more engaged, empowered and sustainably aware community.

For more information on these projects and the Environment Levy please go to www.manly.nsw.gov.au
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