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Strategic Objective

Our Local Economy

A local economy, in which businesses and industries are recognised for their contribution and encouraged to grow.

A local economy that continues to attract investment and employment to the city.

2.1 Promoting businesses and industry



STRATEGIC ECONOMIC DEVELOPMENT

The final year of the Monash Economic Development Strategy 2008 – 2012 was implemented, including the adoption and implementation of the Footpath Trading & Access Policy, ten business seminars and workshops at the Monash Enterprise Centre and various networking events held across the City.

The Economic Development Department produced four issues of 'Focus' business newsletters that were distributed to 4,500 businesses across the city each quarter.

The Australian Synchrotron has continued to operate successfully during the year with the development of a new National Centre for Synchrotron Science. EastLink has also created easier access to the east of Melbourne, thereby enhancing Monash as an employment node.



ACTIVITY CENTRES

Following comprehensive public consultation, Council adopted a **Footpath Trading and Access Policy** for Glen Waverley and Oakleigh Activity Centres which came into effect in September 2011. Council also adopted a policy for the remainder of Activity Centres in the municipality from 1 July 2012. The new policy complies with the Disability Discrimination Act 1992 and the Equal Opportunity Act 1985.

There are six Activity Centres located in Monash with trader associations that liaise with Council. The Activity Centres are located in:

- Glen Waverley
- Mount Waverley
- Pinewood
- Clayton
- Hughesdale
- Oakleigh.



There has been liaison with various trader associations as these centres are competing with larger surrounding shopping areas such as Chadstone, Forest Hill and Knox.

Construction of the \$17.3 million project in Euneva Avenue, Glen Waverley was substantially completed in mid-2012. It provides for 351 public car spaces in addition to a ground level community health facility operated by MonashLink.

The refurbishment of the northern section of Eaton Mall commenced in May 2012 with the remainder of the Mall upgrade to be completed in early 2013.



MAJOR BUSINESS DEVELOPMENT

There has been investment in commercial office and business complexes in the City, particularly through rejuvenation of older business sites. Monash continues to attract increased property investment.

There are approximately 16,000 registered businesses in the City of Monash and a workforce of about 119,000 people. Many Australian and international companies have located their headquarters in the municipality.

Some of the major employers include:

- Robert Bosch (Aust) Pty Ltd
- Fonterra Australia
- Mercedes Benz Varian Australia
- Dulux Australia
- Mayne Pharma Ltd
- John Sands (Australia) Pty Ltd
- ASSA Abloy Asia Pacific
- NEC Australia
- Nestlé Ice Cream
- Toyota Research
- Jemena

This Year in Monash...

There were 1,200 food businesses

- Leica Biosystems Melbourne
- CSIRO
- Monash City Council.

These and other companies along with the major research, educational and health organisations such as Monash University, Australian Synchrotron and the Monash Medical Centre continue to provide a strong employment hub in Monash.





2.2 Forming partnerships



BUSINESS NETWORKS

The Monash Business Awards events were held again this year with approximately 140 people attending each event which included two breakfast events, three luncheon events and a gala dinner.

Two Economic Development Forum dinners were held with approximately 80 people attending each dinner.

The Monash World Environment Day Awards were held in June 2012. The Sustainable Business Award went to Wharington International Pty Ltd.

The Women's Business Network has been well supported with three networking events attracting an average of 110 people to each event and an exhibition and luncheon which had approximately 140 attendees and 33 businesses exhibiting.



MONASH ENTERPRISE CENTRE

The Monash Enterprise Centre (MEC) in Mulgrave is a small business incubator facility sponsored by Council. It can accommodate up to 35 businesses and is the venue for small business training, counselling, business workshops and seminar programs.

The Centre facilitates the growth of small businesses in Monash and surrounding areas.

In 2011-2012, the MEC has:

- Held 126 events;
- Housed a total of 38 tenants with an average stay of 1.7 years; and
- Facilitated business relationships with 104 associates.
- Preliminary research to further extend the MEC for business trades has also commenced.

3

Strategic Objective

Our Built Environment

A city that is planned to meet the current and future needs of a diverse and growing population, while maintaining its leafy character.

A city where roads, public spaces, community facilities, parks, gardens and other essential infrastructure is fit for purpose, well maintained and contributes to the well-being of the community.

3.1 Improving local road and transport networks



ROADS AND FOOTPATHS

Older streets across the municipality are being reconstructed, including additional drainage, re-laying of kerb and channel, and an overlay as the pavement fails and the kerb and channel deteriorates. The roads reconstructed, at a cost of \$1,990,000 were:

- Atkinson Street, Oakleigh (completed)
- Warrigal Road service road, Hughesdale (completed)
- Hamilton Street, Oakleigh (commenced)
- Caloola Avenue, Oakleigh (commenced)
- Railway Avenue, Oakleigh (commenced)
- Kanooka Grove, Clayton (commenced)

The asphalt resurfacing of various roads and car parks occurred in Mount Waverley, Glen Waverley, Ashwood and Mulgrave at a cost of \$914,000.

The installation of additional pedestrian pathways in various reserves and other locations, including an upgraded footpath to the Monash Medical Centre along Clayton Road, was completed at a cost of \$142,000.



DRAINAGE

In 2011-12, Council spent \$1.89 million on drainage works and has a 50 year plan for drainage works throughout the City.

Major drainage improvement works occurred around Smyth Street, Mount Waverley at a cost of \$238,000 and in the Brandon Park Drive area, Wheelers Hill

This Year in Monash...

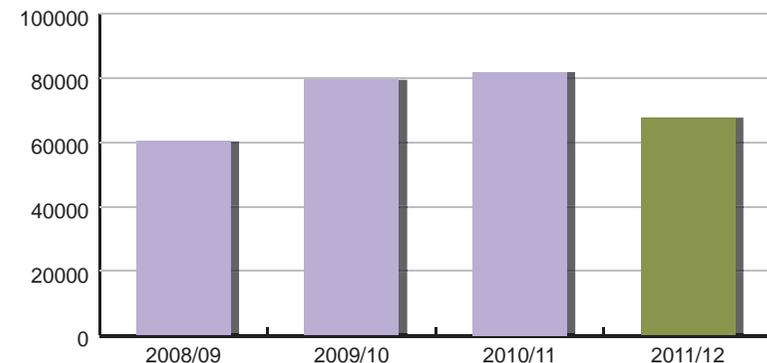
\$1.89 million was spent on drainage works

at a cost of \$636,000 and the Remington Drive/Waverley Road intersection, Glen Waverley at a cost of \$369,000. Other local drainage works were carried out at:

- Shafton Street, Huntingdale
- Margot Street, Chadstone
- David Crawford Reserve, Glen Waverley
- Council Reserve at 235-243 Waverley Road, Mount Waverley.

In 2011-12, Council received 1,128 drainage reports and there was 67,731 metres of drains cleaned.

Total length of drains cleaned



TRAFFIC MANAGEMENT

Local Area Traffic Management works occurred at the following locations at a cost of \$238,000:

- Installation of traffic islands at various locations
- Installation of traffic management treatments along Capital Avenue, Glen Waverley, Dunstan Street, Clayton, Garnett Road, Wheelers Hill and Walker Road, Mount Waverley
- Installation of road humps along Montpellier Road, Ashwood/Burwood.



SHARED PATH NETWORK

The City of Monash has more than 49 km of off-road shared paths across the municipality. Council has spent over \$191,000 in 2011-2012 on extending and improving bicycle infrastructure, including a section of the Scotchmans Creek Trail between Forster Road to Waverley Road which was substantially completed.



BUS SHELTERS

The contract for the installation and maintenance of bus shelters by JC Decaux is ongoing with 228 JC Decaux-style shelters and 15 advertising boards installed. Under the contract, JC Decaux maintain all bus shelters within Monash, in return for being able to place advertising on a number of the shelters.



CARPARK CONSTRUCTION

Construction has been completed on the Euneva Project in Glen Waverley, which features 351 public car spaces over six levels plus a secure 48 space basement car park for use by MonashLink.

Additional car park construction or resurfacing was carried out at the Southern Reserve, Mulgrave, Mulgrave Reserve, Montclair Avenue, Glen Waverley and Lum Reserve, Wheelers Hill at a cost of \$288,000.



TRAFFIC AND PARKING SERVICES

Contractors, Tenix Solutions Pty Ltd, continue to carry out the majority of the traffic and parking patrols in the City and all of the administration associated with parking infringements. The private contractor works in unison with Council's two in-house Traffic Officers who provide the other aspects of Traffic and Parking Services in Monash.



Euneva car park

In 2011-12, Council's traffic and parking services reported the following activity:

- Parking infringements issued: 53,682
- Appeals lodged: 10,355
- Parking infringements withdrawn: 2,054
- Revenue generated: \$3,874,794

3.2 Developments and public spaces



URBAN DESIGN & ARCHITECTURE

The Monash Urban Design & Architecture department was this year recognised in the Victorian Sustainability Awards as a finalist in three categories for sustainable design excellence and the inclusion of sustainable features.

Landscape & Urban Design Projects undertaken in 2011-12 include:

- Freeway Reserve Landscape Enhancement, Wellington Road
- Central Reserve Glen Waverley, Stage 1 Landscape works
- Dandenong Creek Corridor Landscape Works
- Batesford Reserve Food Forest Rain Water Harvesting
- Gateway Plantation in Ferntree Gully Road, Stage 2
- Eaton Mall Agora, Stage 1
- Landscape conservation and interpretive signage at Oakleigh Pioneer Memorial Park
- Stage development of Scotchmans Creek Linear Park
- Eaton Mall Street Enhancement Design, tender documentation and commencement of construction
- Glen Waverley Activity Centre Street Furniture upgrade, Stage 1
- Clayton Activity Centre Street furniture upgrade, Stage 1.

Architecture and building projects undertaken in 2011-12 include:

- Batesford Reserve Pavilion upgrade
- Mulgrave Community Centre equitable access upgrade
- Commenced construction of Central Reserve Recreation & Community Hub
- Nara Pre-School Refurbishment and extension
- Syndal Pre-school refurbishment
- Eaton Mall Agora Pavilion
- MGA Café Kitchen.



MONASH PLANNING SCHEME

Amendment C93 for the Oakleigh Major Activity Centre Structure Plan has been processed for referral to the Minister for Planning for approval and inclusion into the Monash Planning Scheme. This Plan reviews the potential future growth of Oakleigh and identifies opportunities to manage the changes to activities and the physical environment.

Amendment C98 for the Holmesglen Neighbourhood Activity Centre has been approved and incorporated into the Monash Planning Scheme.

Council is currently assessing the potential impact of the new residential and commercial zones proposed by the Minister for Planning for introduction in 2013.



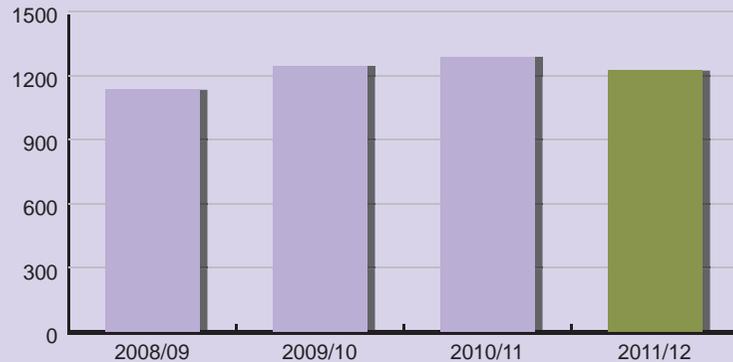
TOWN PLANNING

Monash Planning Services received 1,064 new town planning applications in 2011-2012 and issued:

- 760 Planning Permits
- 244 Notices of Decision to Grant a Permit
- 85 Refusals to Grant a Permit, and
- Processed 278 applications for Subdivision.

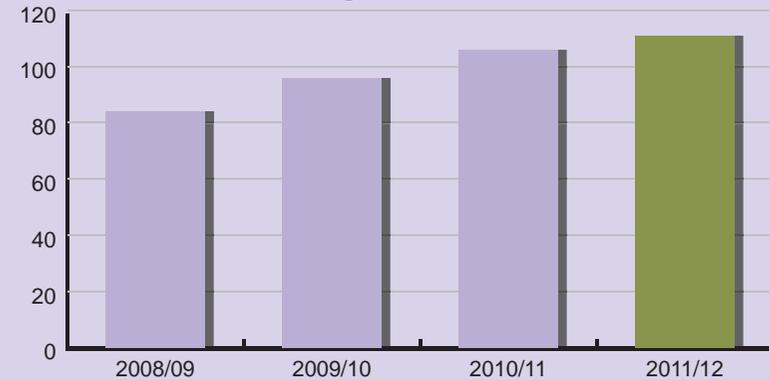
Application was made for a total of \$624.5 million worth of development during the year. These figures are an indicator of the steady economic growth that continues to be experienced in the City.

Number of Town Planning Applications received



The Municipal Building Surveyor or his delegate issued 465 Notices and Orders under the Building Act 1993 for illegal or non-complying building work, dangerous buildings, and drainage issues.

Total number of Town Planning appeals lodged to VCAT



BUILDING SURVEYING SERVICES

Private Building Surveyors continued to dominate the market with a total of 2,165 building permits valued at \$674,249,099 issued. Council's Municipal Building Surveyor or his delegate issued a further 160 building permits valued at \$7,107,190.

Council's Building Inspectors undertook 1,384 building permit inspections. Report and Consents (Dispensations) totalling 305 were issued by Council's delegated Building Surveyor to vary siting and height requirements. Of these, 62 were advertised to adjoining affected neighbours, while the remainder were for front fences or minor issues. One matter was the subject of an appeal to the Building Appeals Board for a Determination, which was significantly less than last year.

As part of Council's new priority Essential Safety Measures inspection program, 1,031 new buildings were inspected and 1,212 approved, which includes some buildings initiated previously. Council's Building Inspectors investigated 117 swimming pool barriers for compliance and 525 customer requests for drainage or other siting matters. Administration staff replied to 2,946 property information requests.



ASSET PROTECTION

Council's Asset Protection Officers have in the past year undertaken 5,399 inspections where building activity is taking place to ensure that Council's assets, such as footpaths, roads, street trees and the nature strip are not damaged. Where damage is discovered, the cost to repair the damage is passed on to the builders or owners. Over 5,000 letters were sent to builders or owners and a further 108 applications were cancelled after discussions with the developer, builder or owner.

Asset Protection Officers also inspect vehicle crossings, reserve access, road occupation and other miscellaneous issues.



GRAFFITI PREVENTION AND REMOVAL

The City of Monash has an ongoing service providing free graffiti removal kits for residents. The kits are to educate the community about the ease of removing small areas of graffiti to residential properties. Since introducing a graffiti removal program in July 2006, Council has issued 535 free removal kits to residential properties in the City of Monash.

Monash was awarded \$16,500 from the Department of Justice for the Kingsway Graffiti Removal project. The project included a Clean Up event which was attended by Glen Waverley residents, traders and volunteers from the Australian Youth for Climate Change. It included the collection of five bags of rubbish and four bags of recyclables and graffiti removal from the rear of 2-38 Kingsway as well as graffiti removal kits for traders to keep for ongoing maintenance.

Council allocated \$125,762 in 2011-12 to remove unsightly tagging on assets such as buildings, signs, fences and structures. Contractors removed 5,198 m² of graffiti on Council assets.



ASSET MANAGEMENT

Council has in place Asset Management Plans to manage the following extensive list of Council's community assets:

- 267 buildings ranging from Neighbourhood Houses, to Community Centres, Sporting Pavilions, Aged Accommodation and the Civic Centre
- Stormwater Management - 1,200km of underground pipes and 42,000 storm water pits
- Recreation Services - 520 lights located on Council reserves, 136 playgrounds and 84 sports grounds



Town Planning customer service desk

- Pedestrian Access - 1,561 km on road and 46 km off road paths
- Transportation - 732 km local roads and 21 km Rights of Way, 38 bridges and 332 retaining walls, and 216 off-street car parks.

Council's diverse fleet consists of 265 registered vehicles and is valued at approximately \$11.5 million.

The Building Asset Management Plan was reviewed and updated to improve information to assist Council in determining demands, costs and replacements needs of the building portfolio. Further work is ongoing to determine medium to long term programs.

In addition, Council has a Road Management Plan in accordance with the Road Management Act (2004). Officers carry out scheduled inspections on one third of the road network, which equates to approximately 250 km and the subsequent maintenance of Council assets located within the road reserve.

3.3 Buildings, parks and gardens



COMMUNITY FACILITIES

The **Clayton Community Centre** opened on 7 April 2008 and houses;

- Clayton Aquatic and Health Club
- Clayton Public Library
- MYFS
- Clayton/Clarinda Arts
- MonashLink Community Health Service
- Clayton Theatrette
- Community meeting rooms.

In the past twelve months, there were 171 bookings of the Clayton Theatrette and 81 bookings of the meeting rooms.

The **Wellington Reserve Community Centre** opened on 21 May 2008 and is utilised by:

- Mulgrave Scouts

- Mulgrave Guides
- Mulgrave Neighbourhood House.

The **Electra Community Centre** in Ashwood officially opened on 30 November 2009 and is self-managed by the user groups:

- Waverley Bridge Club
- Ceres Callisthenics
- Monash Croquet Club
- Doberman Dog and Obedience Club.

The **Mulgrave Community Centre** in Wellington Road opened in February 1991. It is utilised annually as a meeting place for more than 20 local community groups.

The **Batesford Community Hub** in Chadstone opened on 16 March 2011 and is home to:

- Monash Youth and Family Services
- Amaroo and Power Neighbourhood Houses
- MonashLink Community Health Service
- U3A Waverley
- Gateway LLEN community VCAL
- AAC Public Tenants Group.

This Year in Monash...

We processed 1,064
planning applications

The **Monash Men's Shed** was officially opened on 17 March 2011. It aims to improve the health & well-being of men in the City of Monash by creating opportunities to develop, share skills and knowledge and develop social connections with their community. There are currently 100 members of the Shed. This project was an initiative in the Boomers and Beyond Planning for the Future Action Plan.

Council continues to support 10 Monash **Neighbourhood Houses** through ongoing maintenance services and facilitating regular coordinators meetings. The following Neighbourhood Houses receive in excess of 250,000 attendances by residents each year:

- Amaroo Neighbourhood Centre
- Dixon House - Anglicare Victoria
- Fusion's Oakleigh Community Centre
- Kerrie Neighbourhood House
- Mount Street Neighbourhood House
- Mulgrave Neighbourhood House
- Notting Hill Neighbourhood House
- Power Neighbourhood House
- Waverley Community Learning Centre
- Wavlink

Monash operates 21 **community halls** which were hired for approximately 70,072 hours throughout the year and were utilised by 209 different groups. A further 10,382 hours were hired by 663 casual bookings during this period. A list of Monash halls is available on www.monash.vic.gov.au



AQUATIC AND LEISURE CENTRES

ACTIVE Monash was launched as a way to integrate the branding of Monash Aquatic and Leisure Centres along with the Oakleigh and Glen Waverley golf courses, reserves and parks, running and cycling paths and other events within Community Development and Planning. The introduction of an eMarketing Officer helped the centres increase their online engagement.

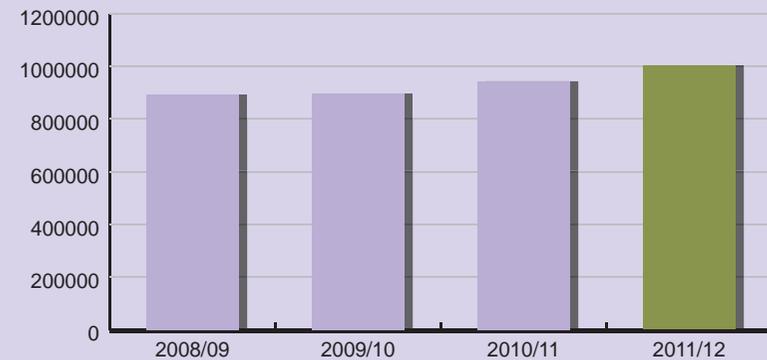




Collectively, the centres attracted over 1.4 million attendances each year and all scored highly for customer satisfaction in surveys.

Monash Aquatic and Recreation Centre attendances hit over one million visits for the first time and there was revenue growth of 11.2%. This growth came predominately from the Learn to Swim program (3,382 in Term One) and the Health Club membership base (2,053 at the end of June). Creating promotional and educational videos has become a useful communication tool to health club members and learn to swim participants.

MARC - Number of attendances



Clayton Aquatics and Health Club annual attendances rose 6% to 265,400 and there was revenue growth of 12%. Targets were exceeded for health club members with 1,325 memberships and 986 individuals enrolling in the Learn to Swim program during February 2012. The ACTIVE WOMEN swim and exercise sessions commenced in April.

CAHC - Number of individual enrolments in the Learn to Swim Program of attendances



The **Oakleigh Recreation Centre** annual attendances increased 12% to 295,609 and revenue growth of 8.7% was also recorded. Programming for the summer aquatic season was increased and led to a significant rise in attendances. The Centre was awarded the Aquatic and Recreation Victoria Seasonal Facility of the Year Award for the second consecutive year. The Centre continues to offer evening team competitions in basketball, netball and futsal in addition to daytime school and community group usage of the multi-court facilities.



ACTIVE RESERVES

Some of the highlights from the second year of the Active Reserves Strategy include:

- Positive discussions with a number of sporting clubs in relation to ground capacity and consequent change to allocations
- Review of the tennis facilities in the south-west section of the Oakleigh Ward
- Developing a 'sporting hub' framework
- Addressing storage concerns at sporting pavilions
- Working with clubs to develop facility development plans
- Completing a feasibility study concerning opportunities for the redevelopment of the Waverley Gymnastics Centre.

Council also commenced the development of a Walking & Cycling Strategy to help identify the existing and future walking and cycling needs of the community and areas where walking and cycling paths, linkages, trails, programs and facilities can be improved.

In February, Council adopted Guidelines for the Naming of Council Facilities to provide a consistent and standard procedure for naming Council facilities. In addition, Council adopted a Community Organisations Loan Guarantee Policy to provide guidelines for the consideration of requests from community and sporting groups for loans or bank guarantees to be provided by Council to assist in the construction or improvement of a capital asset situated on Council property.



ACTIVE PEOPLE

January and February saw the introduction of Council's 'Act!ve Parks Act!ve People' program which offered free fitness activities in the parks and gardens around the City of Monash. Over 50 sessions were run including Zumba, Bollywood dancing, yoga and mums and bubs, with over 1,000 people participating.

Council's 'Let's All Play' program recognises that sport can assist to build understanding within and between communities. The project aims to encourage young people from newly arrived migrant and refugee communities to participate in sport. The program's first season has seen the distribution of 26 sports grants, 12 clubs completing the club cultural dialogue program and 20 youths participating in the leadership training. It has provided tremendous opportunity for the partners and a wider steering group to connect and work together to deliver the program. The Sports Without Borders Foundation provided advocacy and administrative support along with the Southern Ethnic Advisory and Advocacy Council (SEEAC), South Oakleigh And Wellington Secondary Colleges, Active After Schools Communities Program, Monash Youth & Family Services, to develop the program plan and facilitate the program. The business sponsor Pinewood Bendigo Community Bank's funding contributed directly to the individual scholarships.

Recreation Services also developed an internal walking and cycling network. The group met four times to discuss issues relating to the walking and cycling needs of the community.

Council's 'Get Active' Grants funded 25 local residents through three different categories - Get Better, Get Started and Get Inclusive.



IMPROVEMENTS TO ACTIVE RESERVES

As part of Council's annual Capital Works Program, a series of works were completed across various active reserves. They included:

- Mt Waverley Reserve Sports Lighting Upgrade
- Columbia Reserve Sports Lighting Upgrade



- Warrabee Park Sports Lighting Upgrade
- Mt Waverley Tennis Club Court Lighting Upgrade
- Gladeswood Reserve Tennis Club Court Lighting Upgrade
- Lum Reserve Tennis Club Court Resurface to Synthetic Grass
- Commenced construction of two new courts at Notting Hill Pinewood Tennis Club
- Princes Highway Reserve West Storage Facility
- Jack Edwards Reserve Spectator Mound
- Commenced the new Central Reserve North Oval Pavilion
- Central Reserve North Cricket Net Development
- Central Reserve North Playground Ball Protection Fence
- Central Reserve North Turf Table Upgrade
- South Oakleigh Bowling Club Turf Green Redevelopment
- Oakleigh Bowling Club Turf Green refurbishment
- Commenced construction of the Lum Reserve Changeroom Upgrade
- Gardiners Reserve Storage Facility
- Jordan Reserve Accessible Pathway and Coaches box upgrade
- Jordan Reserve Security Shutters
- Stan Riley Reserve Storage Facility
- Cricket Wicket Upgrades at Batesford Reserve & Gladeswood Reserve
- Princes Highway Reserve West Community Kitchen
- Ashwood Reserve Hockey Pavilion Changeroom refurbishment



RESERVES AND SPORTS FIELDS

Council is responsible for the maintenance of over 332 hectares of reserves and sports fields and 244 hectares of passive open space in the City. In a change from previous years, continuing wet weather patterns have challenged horticulture staff to maintain sports fields and the golf courses in acceptable condition for their intended sporting use.

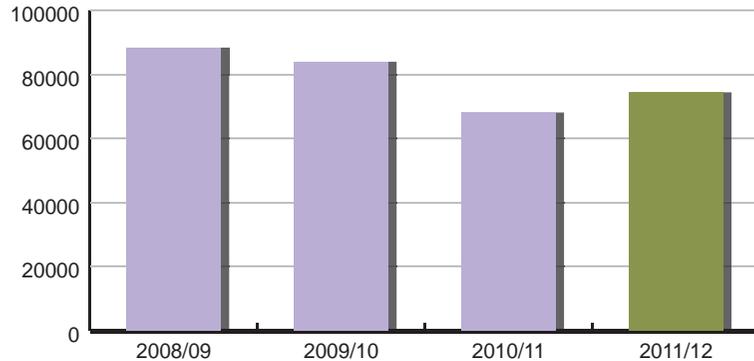
Grass species that require less water continue to be introduced to assist in the long-term management of sports fields and reduce Council's reliance on potable water. Carlson Reserve, Mount Waverley Reserve and Mayfield Park were successfully converted through the warmer months and have provided tenant clubs with a more durable playing surface.

Recreation Services launched the new of Act!ve Monash News, a bi-monthly community and sporting club newsletter, addressing common industry issues and relevant club information.



GOLF COURSES

**Golf Course - Number of Rounds
(Oakleigh & Glen Waverley)**



Monash City Council continued to invest in both its public golf courses with \$120,000 spent at Oakleigh and Glen Waverley on a range of works, including the on-going fairway refurbishment program that involves the planting of warm season grass.

The total number of golf rounds for both courses increased from last year to 74,500. The number of Seniors Card and Concession rounds continues to increase as a proportion of the total rounds, increasing Council's annual subsidy to this playing group. Customer satisfaction surveys conducted over the year highlighted a high level of satisfaction from the users.



PLAYGROUNDS

Monash has 124 playgrounds throughout the municipality. While most are located in parks and reserves, some are in residential areas and provide children with great opportunities to develop physical and social skills. Council spent over \$150,000 upgrading and installing new equipment at five playgrounds. These included:

- Ashwood Drive Reserve
- Wellesley Road Reserve
- Burlington Square Reserve
- Kelvinside/Bowmore Street Reserve
- Pinewood Reserve.

Consultation and design for Council's next accessible playground at Warrawee Park was completed. Other fully accessible playgrounds in Monash are located at Federal Reserve, Central Reserve and Talbot Park.

This Year in Monash...

There were 332 hectares of sporting grounds

4

Strategic Objective

Our Natural Environment

A city that is working together to protect and enhance its natural environment.

4.1 Managing Resources



ENVIRONMENTAL SUSTAINABILITY ROAD MAP

Council identified the need to develop a strategic document that would enhance Monash's sustainable journey. The Environmental Sustainability Road Map was adopted by Council in June 2011. The summary of outcomes in the first year against the six themes are:



ENERGY

Council reduced its CO² emission from electricity and gas usage by 14.06%



WATER

Reduced water consumption by 28.8% compared to 2002 levels. This result has already exceeded the 2015 water target by 8.8%



NATURAL ENVIRONMENT

Planted 101,567 indigenous plants and shrubs in parks and reserves and 1,800 trees on streets



WASTE & FOOD

Achieved over 60% waste diversion from landfill making Monash the top recycler in Victoria. Council received Gold Certification in Sustainability Victoria's Waste Wise Program



TRANSPORT

Reduced our CO² production from the Council fleet by 9.75%



PLANNING & DESIGN

All new buildings have been designed to achieve 6-star NABERS rating

Council has made substantial progress towards achieving Environmental Sustainability Road Map targets by 2015.

Council initiated 19 energy and water conservation projects during the year as part of the Environmental Sustainability Road Map Project.

As a result of the installation of the energy efficient lighting, there has been a 14% reduction in CO² emissions arising from electricity and gas consumption. Energy efficient lighting was installed at:

- Gladeswood Reserve Pavilion and car park
- Clayton Hall
- Mulgrave Community Centre
- Ashwood Hall
- Mount Waverley Youth Centre.

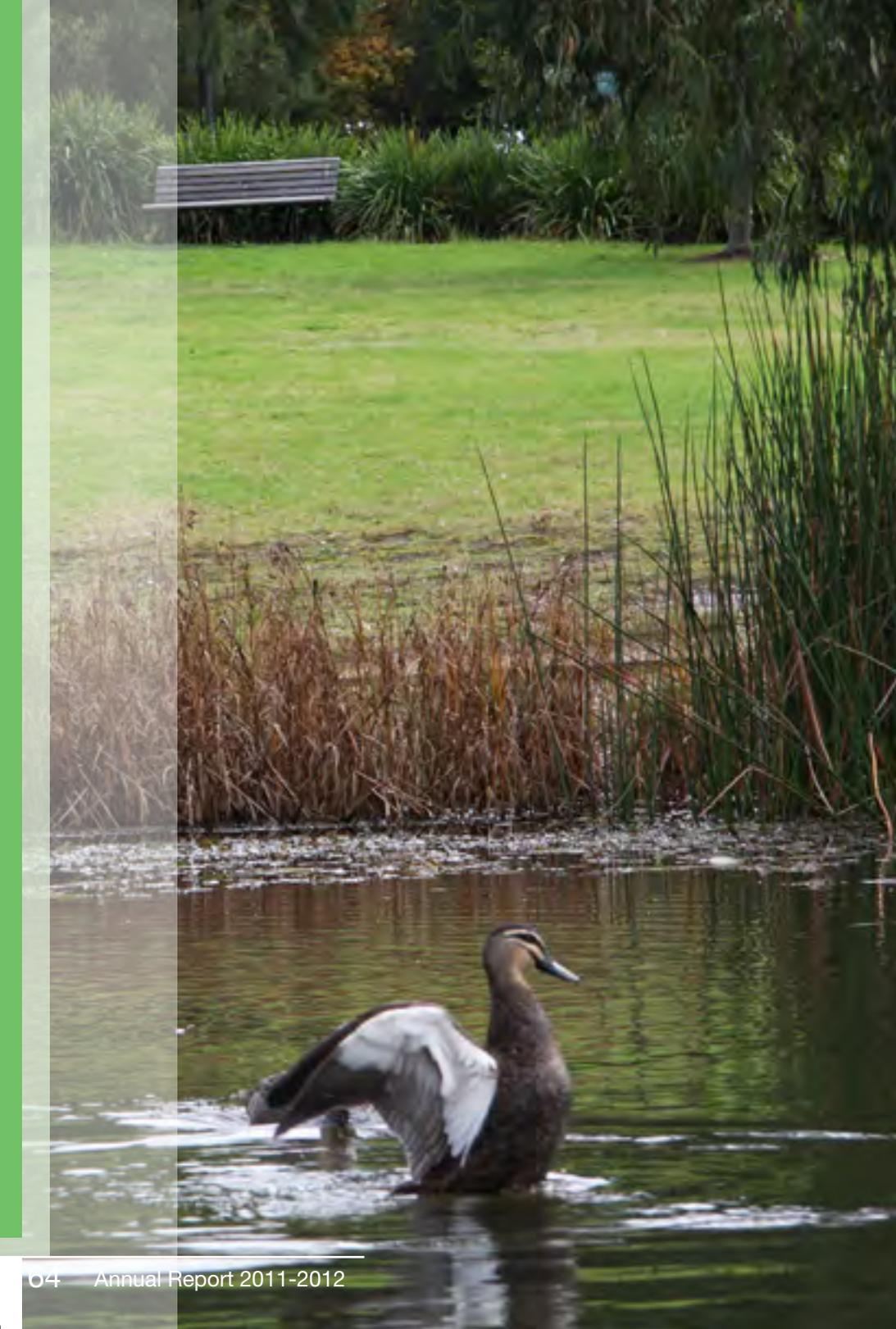
The installation of water tanks at the Halcyon Day Centre, Alvie Hall, Fregon Hall and Gardiners Reserve South Pavilion contributed to significant reductions in potable water use as outlined below. This is a total estimated water savings of approximately 68 kilolitres per year.

Location	Estimated Water Savings (kilolitres)	Description
Halcyon Day Centre	10 kL	Installation of two x 3,000 litre at the Centre for garden watering
Alvie Hall	6 kL	Installation of two x 3,000 litre at the Hall for toilets
Fregon Hall	11 kL	Installation of two x 5,500 litre at the Hall for toilets
Gardiners Reserve	41 kL	Installation of one 41,000 litre at the main pavilion for toilets

Dual Flush toilets have been installed at a number of sites through Monash as outlined below. The installation of these dual flush toilets is expected to lead to a reduction of potable water use by 121 kilolitres.

Site	Estimated Water Savings (kilolitres)	Description
Freeway Reserve	26 kL	Replace 10 single flush with dual flush
Mount Waverley Reserve	2 kL	Replace 4 single flush with dual flush
Napier Park	7 kL	Replace 2 single flush with dual flush
Central Reserve	25 kL	Replace 12 single flush with dual flush
Gardiners Reserve	61 kL	Replace 8 toilets with dual flush





Council currently has a program for converting sports fields from cool season to warm season grasses, to reduce the amount of water needed to maintain the sportgrounds in good condition. Council continued this program with the conversion of:

- Mt Waverley Reserve
- Mayfield Reserve and
- Carlson Reserve

The Mount Waverley Stormwater Harvesting scheme will collect stormwater from the adjacent Melbourne Water reservoir roof into tanks for irrigation of sportgrounds and tennis courts. The project has commenced following a successful grant application by the Eastern Region councils to the Federal Government's Stormwater Harvesting and Reuse Fund. The establishing of a power supply and the removal of a tree at the gravel car park are completed. The installation of the water tanks and associated construction works will commence in August.

A management plan has been completed for the wetlands in Herriott's Glen Reserve. This plan reviewed the performance of the wetland and identified actions and methods to maintain and improve the management of this natural environment asset. Design works for improvement of the structures have begun and which will commence the implementation of the report recommendations.

This Year in Monash...

We planted about
120,000 trees & shrubs



SUSTAINABLE INITIATIVES

The City of Monash has been a **member of ECO-Buy** since 2003 and is committed to achieving its stated targets to increase the purchasing of environmentally friendly products. As part of this program, Council spent \$3,472,268.78 on sustainable products in 2011-12, which is 6% of available expenditure.

Monash City Council has been a certified Waste Wise organisation since 2006. In 2012, Council achieved Gold level certification in this program. This Waste Wise certification demonstrates that the City of Monash is **committed to sustainability** by reducing overall waste generation, increasing recycling and reuse, and promoting these principles to the wider community. Council continues to audit all the waste generated by Council offices on an annual basis and the results are used to determine areas for improvement and to reward those departments achieving the best results in waste reduction.

4.2 Providing services and advice



ENVIRONMENTAL PROGRAMS

Council provided four free Sustainable Living community education sessions on saving energy, green cleaning, and sustainable gardening. A total of 130 residents attended these workshops. Council also ran a composting community education workshop targeting seniors and Monash staff, which attracted around 60 people.

The tenth annual **Monash World Environment Day Awards 2012** winners were:

- Valerie Yule (Greenest Household)
- Wharington International Pty Ltd (Sustainable Business)
- Brentwood Secondary Green Team (Community Leadership)
- 'Yarrowonga' Building Monash University, Clayton (The Built Environment)

- The Brentwood Green Team, Arielle Tickner-Smith, and William Savory (Youth Environment).

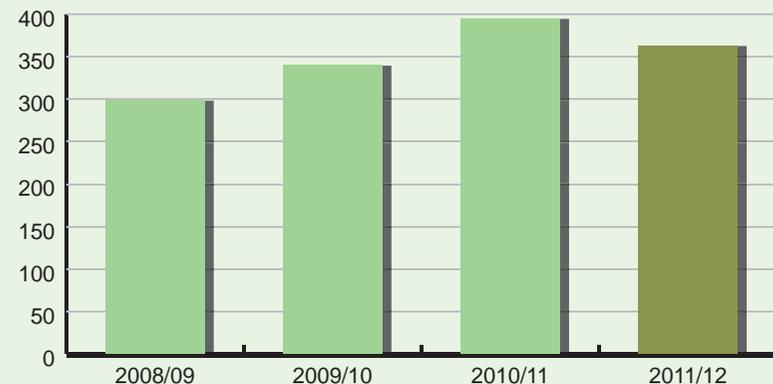
The schools poster competition was won by Chloe Bateman (Mt Waverley PS), Zoe Nie (Highvale PS), Dylan McIntyre (Albany Rise PS), Semin Osmani (Parkhill Primary PS), Miguel Olivares (Highvale PS), Natalia Panzera (Camelot Rise PS), Dermott Chiang (Highvale PS), Elise Cramer (Wheeler's Hill PS) and Ashwood School.

As part of Council's commitment to the **Waterwatch** program, Council continued to support the local waterways monitoring program conducted by four community groups in Monash. These groups are the Friends of Dandenong Valley Parklands, Lions Club of Wheeler's Hill, Friends of Damper Creek, and Friends of Scotchmans Creek and Valley Reserve.

The City of Monash is one of six councils that form the **Eastern Alliance for Greenhouse Action** (EAGA) who teamed up with 'The Green Project' to provide discounts of up to \$500 on new solar hot water installations in local homes. The committee is currently planning an Energy Retrofit Scheme to assist low income households to implement energy saving initiatives.

The **Mobile Muster Program** had 26kg of mobile phones recycled in 2011-12. A total of 101kg of mobile phones has been recycled since 2008. Monash Council ranked in the Top 10 Recyclers of Mobile Phones in Australia through Mobile Muster Program in 2011.

Green Waste collection - kg per household





WASTE MANAGEMENT SERVICES

The City of Monash achieved diversion from landfill of 55.67% this financial year. This translates into a total of 21,643 tonnes of green waste and 17,838 tonnes of recyclables diverted from landfill. This resulted in Monash residents named as Victoria's top recyclers for the second consecutive year.

Paper/cardboard made up the largest quantity of recyclables at 61%, followed by glass at 25%, and aluminium and steel cans at 3% each, and plastics 11% (in a typical Monash recycling bin).

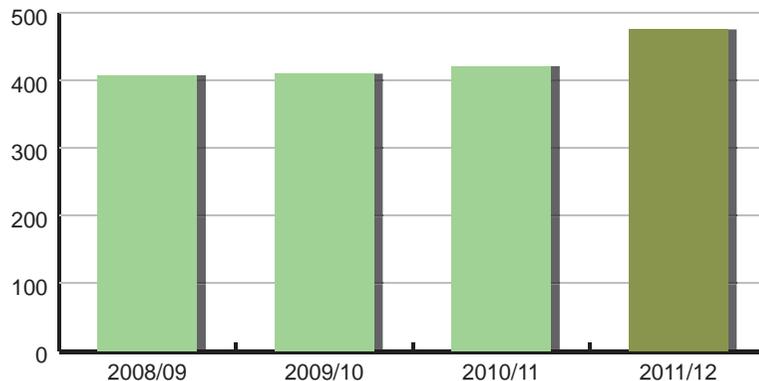
In May 2012, Solo Resource Recovery, our waste collection contractor, assisted Council by producing and distributing education material to encourage the community of Monash to recycle more.

Street sweeping is conducted on a regular weekly roster across residential and industrial streets, plus shopping precincts. Over 2,800 tonnes of debris is collected from 11,000 kilometres of sweeping Monash streets. A regular sweeping and inspection program is also in place for laneways and shared pathways.

Public litter bins are emptied up to seven days per week and they yield 400 tonnes of waste from shopping centres, reserves and bus stops.

Public toilet cleaning operates seven days a week across all areas including major shopping centres.

**Domestic Garbage Collection
kg per household**



Council is currently trialling a project entitled the Monash Pride Crew. The Monash Pride Crew is a new street cleaning and maintenance model in Glen Waverley, Clayton and Oakleigh. This involves a more permanent presence of a maintenance operator responsible for litter control, cleaning of litter bins, other street furniture and reporting on the maintenance of garden beds and street infrastructure. The responsible officers will also provide an important public relations and customer service role with local traders, the community and customers through deliberate engagement and relationship building. This is expected to improve communication and provide a more responsive and visible service.

Under the Litter Strategy, bi-annual audits have been conducted to determine the worst areas for dumping rubbish in Monash. The 'Don't Trash Monash' campaign has been in progress since 2011 and continues.

Around 100 people attended our free 'Follow Your Recyclables Tour' at the Clayton South landfill and Materials Recovery Facility during National Recycling Week in November.

The **Monash Waste Transfer Station** had 49,934 customers in 2011-12. It handled approximately 52,000 cubic metres of material, of which approximately 33,000 cubic metres was recyclable, including approximately 22,000 cubic metres of green waste.

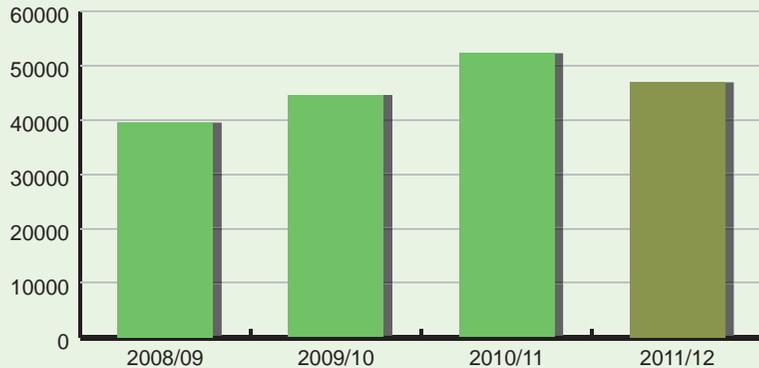


This Year in Monash...

Residents recycled
55.67% of rubbish

The Victorian Government awarded the City of Monash \$20,000 funding for the implementation of ten Public Place Recycling (PPR) bins at Mount Waverley Shopping Centre. Discussions with Mount Waverley traders highlighted an ongoing issue with the dumping of used pizza boxes.

Waste Transfer Station - Number of customers



This resulted in the redesign of the PPR bins by Urban Design and Architecture to encourage the recycling of pizza boxes and other paper and cardboard which is currently going to landfill. A total of 93% of the materials in the recycling bins were recoverable, only 7% of the materials placed in the recycling bins could not be recovered and more than one third of the materials placed in the garbage bins could be recovered. This figure represents a drop of almost 50% from the amount of recoverable items found in the garbage stream, from the pre-install audit. Since installation, the total amount of garbage disposed of in the litter bins dropped by more than 70%.

Huntingdale Road Shopping Precinct has 100% of waste currently going to landfill. Council has installed twelve PPR bins along Huntingdale Road as part of Council's Environmental Sustainability Road Map initiative.

Monash collected 19 tonnes of recoverable items from PPR bins and has progressively increased the number of PPR bins throughout the municipality. There are currently 52 within shopping strips, outside train stations and within sports grounds.

Council was successful in two grant applications as part of the Resource Recovery Funding through Sustainability Victoria and the Metropolitan Waste Management Group. These grants are for a multi-unit development recycling and dumped rubbish education program, and a recycling and waste education program for culturally and linguistically diverse communities.

4.3 Protecting natural assets



BUSHLAND RESERVES

Monash is fortunate to have a 'green corridor' traversing the municipality, made up of significant bushland reserves including Damper Creek, Scotchmans Creek, Valley Reserve, Gardiners Creek, Holmesglen Reserve and Dandenong Creek.

Nineteen community activity days took place throughout the year completing planting, weeding, pruning and erosion control works. This included participation in the National Tree Planting Day in July, when 140 volunteers assisted in planting 10,000 trees, shrubs and ground covers. Council values the support of the Friends Groups and other people who volunteer their time to assist with revegetation programs.

Council's ongoing revegetation program has helped establish habitat suitable for an increase in native fauna and improve both flora and fauna diversity. This includes over 200 nest boxes installed throughout Monash reserves suitable for a range of native species.

There have been sightings of animals rarely observed in urban areas over the past three years. These included Southern Boobook Owls, Powerful Owls, Sacred Kingfishers, Yellow-Tailed Black Cockatoos, Wedge Tail Eagles, Cape Barron Geese, Buff-Banded rails, Blue Tongue Lizards, Native Water Rats, Growling Grass Frog, Dwarf Galaxias, Pigmy Perch, Flying Foxes, Noisy Friarbird, Grey Goshawk, Rufous Fantail and an Australasian Bittern.

As part of Council's ongoing commitment to develop management plans for bushland reserves, plans for Napier



Park Reserve, Drummies Bridge Reserve and Glen Waverley Golf Course perimeters were completed.

Council also maintains several water bodies located at Valley Reserve, Damper Creek Reserve, Gardiner's Creek Reserve, Mulgrave Reserve, Holmesglen Reserve, Monash Gallery of Art, Bogong Reserve, Herriotts Boulevard Wetland Reserve and Brickmaker's Park that include a number of permanent and seasonal wetlands, which help support fauna populations and provide habitat for frog species.

To further help manage stormwater flows into the wetland and protect the ecology of the system, enhancement works were completed at Monash Gallery of Art and at Herriotts Boulevard Wetland Reserve that included the removal of weed species and revegetation.

Council continues to participate in the Parks Victoria fox control program that was initiated to protect powerful owl nesting sites within the region along Dandenong Creek and undertook further actions to control foxes in Damper Creek Reserve.



Fire prevention and management works in bushland reserves were conducted with a concentrated effort prior to summer. Works predominately consisted of vegetation clearance along boundary fence lines to maintain fire breaks and removing unwanted vegetation in key areas. Council staff met with the Metropolitan Fire Brigade to help finalise priority works before the 2011-2012 summer season.

TREES

Around 120,000 assorted trees, shrubs and ground covers were planted across the City in the past 12 months. The majority of these were planted as part of the ongoing revegetation programs at bushland reserves and the capital improvement program.

Regular watering of street trees and landscaped areas was carried out at a cost of over \$120,000 to assist with establishment. Good rainfall for the year, along with the inclusion of water retention wells has assisted with tree establishment. Captured storm water has been used for watering.

Overall, Council's operating budget commitment to its streetscape and reserve amenity tree program in 2011-2012 was \$2.65 million. All of Council's 100,000 plus street trees are managed as part of a cyclic maintenance program. Trees are inspected and, where necessary, pruned to comply with statutory clearance requirements for electric line clearance, over roadways, footpaths and to maintain clear visibility at intersections. Ongoing pruning continues to occur following tree condition audits in the vicinity of playgrounds, in preschools and reserves.

In the past twelve months, Council inspected 4,114 public trees across the City, most as a result of customer enquiries. This was 4% less than the previous year. Over 5,800 trees were pruned, removed or treated as a result of these inspections. Over the last 2 years higher rainfall and good growing conditions has contributed to an average increase of 880 trees inspections compared to the preceding two years.

Following an internal evaluation of Council's approach to vegetation management and community consultation on public trees on streets and in parks and reserves, Council has adopted new guidelines.