
# STREET TREE MANAGEMENT PLAN

**Revised December 2015**

# City of South Perth - Street Tree Management Plan

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## Introduction

Trees are an essential part of the streetscape, providing aesthetic appeal and desirable functional and biological characteristics. They enhance buildings and other structures, screen and/or frame views, and can help to define functional areas such as intersections and traffic control measures. Trees provide shade, reduce the dangers of ultraviolet radiation, cool the air, insulate against cold or hot winds and reduce glare. In addition, trees may provide habitats for indigenous wildlife, filter atmospheric impurities, sequester carbon emissions, reduce stormwater run-off, reduce erosion and contribute significantly to the general quality of urban living. The oxygen emitted by a large tree is equivalent to the daily consumption of at least four adults.

A street tree is any tree that exists on the City portion of land designated as road reserve. This includes verge, median strips and roundabouts. Trees within private property and on adjacent parks or reserves outside of the verge do not fall under the jurisdiction of this document, although the vegetation characteristics of surrounding areas are often considered when selecting appropriate street trees.

Street trees provide more value for residents, pedestrians, road users, the local environment and wildlife than we realise. Without street trees, the street environment will appear exposed and uninviting. In many cases, street trees provide a visual relief from the predominant use of hard materials in our local landscapes like asphalt, brick paving and concrete.

However, urban centres create harsh environments for trees and they consequently require intensive cultural and maintenance practices to prevent their decline. Trees themselves can cause problems and conflicts such as damage to essential services and property and can sometimes be perceived as a public nuisance due to shading, interruption of views and litter drop. These problems can be minimised through effective planning and tree variety selection and a professional and programmed approach to tree establishment and care.

The City of South Perth has held a reputation for being a green leafy suburb for over a quarter of a century. This is largely due to an extensive planting program commenced approximately six decades ago when the bulk of the Weeping Peppermints, Cape Lilacs, Coral Trees and Queensland Box were planted.

In recent years, street tree species selection has largely been left to residents. In many cases, this has resulted in a streetscape that has become disjointed and without a design theme. Street tree planting and replacement programs by the City have also been haphazard, resulting in many verges throughout the City being without a tree.

With the massive investment in street trees by Local Government, it is essential that an integrated system of street tree management is developed, including the critical aspects of planning, selection, planting, removal, and care.

In order for the City to retain its reputation regarding trees, it is also essential that a concerted planting program be commenced. To achieve this, planting themes have been developed for each street in the City, which will become the basis of future planting.

Street trees are a long term investment, so they must be suited to the environment in which they are planted. Planting decisions made in this plan have the potential to impact on the City for over fifty and perhaps up to one hundred years into the future.

The aim of this management plan is therefore to provide the City of South Perth with an overall strategy to guide the future greening of streets throughout the City. The City recognises that this must be undertaken in a clear and objective way.

The successful implementation of the plan will involve community support and participation and it is the City's aim to ensure that this occurs wherever practicable during the planning and implementation processes.

## Methodology

Each street within the City has been examined to determine existing tree stock and themes. In many of the older established areas, avenues of Willow Peppermint (*Agonis flexuosa*), Jacaranda (*Jacaranda mimosifolia*), Cape Lilac (*Melia azedarach*) and Queensland Box (*Lophostemon conferta*) are still evident. In other streets, there are remnants of themes and a mixture of more recent plantings.

A list of suitable street trees has been developed. The aim of the list was to increase the diversity of species planted within the City with the resultant benefits of increased variety, form, texture and colour. Professional advice has been sought about each of the species chosen to determine their suitability as street trees within the City of South Perth. As street trees are subject to a number of actual and potential hazards, strict criteria has been applied to determine the best possible species. Trees of differing sizes and habits have also been chosen to suit the varying sized street verges and street widths.

The Street Tree Management Plan should also be read in conjunction with the Green Plan, which emphasises the need for the provision of wildlife corridors throughout the City linking remnant bushland, wetlands and the foreshore. Consequently, it is proposed that certain streets be planted with local native species to assist with habitat provision.

## Implementation

To implement the management plan, the City has embarked on a five-stage program. The stages are as follows:

| *Stage* | **Project** | **Description** | **Implementation Status** |
|---|---|---|---|
| 1 | Street tree database development. | A survey of all street trees placed on a database linked to Geographical Information System (GIS). | Initial survey completed. Regularly updated. |
| 2 | Infill program Stage 1. | Planting of streets with established dominant species themes. | Largely completed. |
| 3 | Unsuitable stock removal. | Progressive replacement of some older and unsuitable trees (e.g. Cape Lilacs) over 5 years. | Commenced 2002. |
| 4 | Precinct planting plans. | Development of precinct based street tree plans to guide future planting. | Incorporated into the Street Tree Management Plan. |
| 5 | Infill program Stage 2. | Planting of streets guided by themes identified in Precinct plans. | Ongoing implementation following adoption of management plan. |

The City will no longer be planting the Queensland Box due to community complaints about fruit and litter drop, and most of the remaining Cape Lilac's and a number of other selected specimens will be progressively removed due to structural problems resulting from past pruning practices. The Cape Lilacs are also prone to infestation from White Cedar Moth larvae, which have proved to be a significant pest to some residents. Unsuitable tree removals will be programmed on a street-by-street basis and staged over eight years commencing in 2002.

Streets, or sections of streets containing predominant species themes, such as the Willow Peppermint or Jacaranda, will be planted with the same species (Infill Program - Stage One). This program has largely been completed. Streets currently containing Queensland Box trees will be planted with a species that is complementary in appearance and as determined by the Precinct planning process (Infill Program - Stage Two). Streets containing a mix of species will be provided with a theme tree, which will be the replacement species in the future (Infill Program - Stage Two). There will also be planting programs implemented for areas where there are currently few trees, such as parts of Karawara and Waterford.

Street trees will not be removed to facilitate the development of themes under this plan, unless there is a valid reason for doing so, such as the Cape Lilac Replacement program (refer to Section 10 - Street Tree Removal and Replacement). When this is the case and it involves an entire street or large section of a street, a street plan will be prepared for community comment. Street plans will also be developed for the major arterial roads of the City, such as Labouchere Road, Mill Point Road, Manning Road, Kent Street, etc. The aim of these plans will be to create themes worthy of the major avenues.

The following sections (4 – 13) contain the various objectives and strategies by which the City of South Perth will manage its street tree stock.

## Street Tree Planning

### Objectives

To enhance the environment of the City and provide attractive streetscapes for the community to enjoy.

To maximise opportunities for tree planting and improve the character of individual suburbs and localities.

### Strategies

Street tree planting shall:

a) Be coordinated with the City's planning guidelines and policies for street improvement and traffic management.

b) Be planned using a comprehensive City-wide approach that includes the development of a data-base which identifies current and future species for individual streets.

c) Recognise and consider the varied conditions and objectives which relate to the design of any streetscape, including existing vegetation, pedestrian and vehicular traffic, street and verge width and orientation, solar access, surrounding buildings and the historic and/or cultural significance of the locality.

d) Promote the creation of a distinct character and image for the City's streets utilising the selection of particular species, and where appropriate, provide unity within streets by consistent species use.

e) Provide adequate shade, noise and wind abatement, and promote high quality vistas within the street.

f) Be cognisant of local soil types and climatic conditions and demonstrate knowledge of varietal tolerances and characteristics.

g) Provide minimal interference with existing above and below ground services and structures and coordinate design and planting options in conjunction with other Council Service Areas and utility organisations.

h) Encourage adequate provision of space within street verges for street tree planting.

i) Encourage a linkage between remnant bushland sites with the provision of endemic street tree species along ecological corridors.

## Planting Priorities - Implementation

### Objectives

To establish a programme for planting that will increase the street tree population and compensate for the loss of trees on private property due to urban development.

To provide for the long term replacement of deteriorating trees to ensure the City's leafy environment is maintained and enhanced.

### Strategies

a) All street tree planting will be programmed and include new plantings along major arterial roads, suburban centres, new sub-divisions, verge in-fill and replacement planting and work requests from residents and ratepayers.

b) All planting will be in accordance with the planting themes determined within the Precinct Planting Plans.

c) The Precinct Plans will identify those streets requiring individual planting plans to be prepared. The implementation of these will be determined via the annual budget process.

d) On completion of each major street plan involving significant change, Council will invite public comment for a period of 4 weeks from affected residents.

e) Planting targets will be determined by Council as part of the annual budgetary process and will take into consideration annual planting plans, the five-year plan and comments from residents and ratepayers.

f) Tree specimens and species will be selected for optimum survival and growth rates.

g) The City of South Perth staff will be responsible for the planting of all street trees, however, residents may obtain approval in writing to plant their own street trees of approved varieties that meet the City's specifications and reflect the objectives of the Precinct Plan.

h) The Precinct Planting Plans (Street Tree Management Plan) will be the subject of public comment.

## Street Tree Selection

### Objective

To establish a system of street tree selection in order to provide species diversity throughout the City, and obtain tree varieties that are capable of satisfying the aesthetic, biological and functional criteria demanded by planting sites.

**Strategies**

a) New street plantings will be selected by City of South Perth staff utilising a list of tree species/varieties that are compatible with the conditions in the municipality and which satisfy public requirements for safety and amenity.

b) New species may be trialled in the field and information on their desirability will be sought. Species indigenous to various locations within the municipality will be considered where appropriate.

c) A database of suitable species and trial species will be maintained and used to guide the selection of street trees for replacement and new planting strategies. It will also include species that are not considered suitable for street tree planting.

d) The lists of suitable and trial species, identified in Appendix 1, may be updated on the basis of new information and with the approval of the Manager, City Environment.

e) In formulating the database, the following landscaping factors will be considered:

   i. Species form shall be compatible with site spatial restrictions, the scale of adjacent features, street width and streetscape appeal.

   ii. Species shall be those with a tendency to develop an upright form.

   iii. Species associated with root invasion, upheaval problems, disruption of underground services, branch drop and genuine nuisance and/or safety problems will not be selected.

   iv. Species shall be selected on the basis of their overall aesthetic qualities, shade, canopy and ability to withstand relatively harsh growing conditions.

   v. Species lists and associated planting plans shall be made available to the public.

f) A comprehensive street tree database is to be maintained which ensures a record is kept that identifies planting location, species, date of planting, details of pruning and other relevant treatments and growing conditions. This information will be used in the programming of street tree planting, tree removal and maintenance.

g) The database is to be formatted into a readily retrievable system to suit planning and management purposes. The street tree inventory will be integrated with the City of South Perth Geographical Information System (GIS).

h) The Precinct Plans may be updated as information on chosen species arises or due to public comment.

## Planting Location

**Objective**

To provide guidelines for the placement of street trees that will minimise the potential for interference with overhead and underground services, roadways, kerbing and crossovers.

**Strategies**

a) The following planting locations serve as guidelines for all street tree plantings and shall only be varied in specific situations with the approval of the Manager, City Environment.

b) The location for a tree on the verge shall generally be:
   i. Three metres measured at right angles from any adjacent property boundary.
   ii. A minimum of 3 metres from a vehicle crossover, power pole, fire hydrant, or inspection pit box.
   iii. A minimum of 15 metres from a kerb corner alignment on any side of an intersection.
   iv. A minimum of 15 metres from the approach side of a pedestrian crossing and 5 metres from the departure side.
   v. Seven metres from any lane way, or vehicle right of way.
   vi. Eight to 15 metres between trees depending on the final size of mature specimens, or as a minimum of one tree per property frontage.
   vii. In the case of a single tree, it will be located central to the average size home block.

c) These distances may be varied depending on the tree species and specific planting objectives. Dual planting for example may occur during a replacement programme. Variances will also be allowed for the development of an individual streetscape theme where it is recognised that this would benefit the street and ensure that sightlines are maintained to retain safety.

## Street Tree Establishment

**Objective**

To adopt tree establishment practices that ensures the long-term survival of all trees.

**Strategies**

a) Tree planting shall preferably occur during the cooler months of the year from May to September.

b) The planting of street trees will be in accordance with the planting location guidelines and the City's 'Street Tree Planting Procedures' as outlined in Appendix 3.

c) Additional protection shall be provided to establish street trees where they may be prone to damage by vandalism, soil compaction, climatic extremes, or underground utilities and services. In addition, protection of structures and hard surfaces against damage by street trees may be necessary. Where appropriate, the following protection measures will be provided:
   i. A root barrier material to protect surrounding kerbing and paving against root damage.
   ii. Tree grilles to minimise soil compaction in the root zone and improve water infiltration.

iii. Tree guards to protect trees from damage by cars, bicycles, animals etc.

iv. On-going maintenance procedures will be implemented where necessary to ensure the continued survival of young street trees (see Appendix 2).

## Post Establishment Tree Care

### Objective

To provide a high standard of care for new planting's and existing street trees to ensure their health and survival, and development into desired forms.

### Strategies

a) All pruning will be the responsibility of the City of South Perth, and will be carried out by qualified tree surgeons under supervision of the City to clearly defined objectives.

b) Street tree pruning will be carried out:

   i. In accordance with annual tree pruning programs.
   ii. On reasonable request from the community, utility authorities, etc.
   iii. Where possible, in the cooler months, to maintain shade throughout the summer period.

c) Programmed street tree pruning and maintenance will be conducted when necessary to fulfil the following requirements:

   i. To clear the canopy from interference with overhead powerlines and other essential services.
   ii. To remove or under-prune branches considered hazardous to traffic, pedestrians, buildings or structures.
   iii. To encourage the natural form of young, developing trees and re-define the framework of mature trees in a sensitive manner that enhances the streetscape.
   iv. To thin tree canopies, including dead or dying branches, to rejuvenate vigour into weak growth and to allow adequate light penetration.

d) Street Trees will not necessarily be pruned because of leaf, berry, nut or fruit drop, branches overhanging fence lines, or to preserve or enhance views. However, individual pruning will be assessed as circumstances dictate.

e) Street trees under power lines will be pruned to minimum standards required under existing legislation, and at the discretion of the Manager, City Environment. Current legislation for vegetation control near powerlines is defined under Section 54 of the Energy Corporations (Powers) Act, and pruning should meet the requirements of the Australian Standard AS4373-1996 – 'Pruning of Amenity Trees'.

f) Tree pruning following undergrounding of power lines will be conducted in a manner that restores a canopy shape suitable for the future unrestricted growth of the tree. Assessments for removal of street trees following

undergrounding of power will be in accordance with Section 10 of this Management Plan.

g) Other maintenance work will include:
   i. Fertilising
   ii. Pesticide application
   iii. Root pruning and barrier installation
   iv. Aeration and other site improvements, and
   v. Application of soil wetting agent

h) Decisions regarding appropriate maintenance work will be based on the value of the tree and the overall streetscape, and will take into consideration the benefits and cost of maintenance.

## Street Tree Removal and Replacement

### Objective

To preserve street trees, control practices harmful to trees, and avoid the removal of trees, unless warranted under exceptional circumstances relating to public risk, safety and public works.

### Strategies

**a) Requests for Street Tree Removal**

Requests for tree removal will require the approval of the Manager, City Environment with the exception of emergency removals. All requests must be in writing in accordance with the City's established process.

**b) Removal of Street Trees**

Removal of street trees will take place under the following circumstances:

- Trees that are dead or diseased and remedial treatment is not considered worthwhile.
- Hazardous trees or those causing damage to public and private property, where repair and specific treatment options are not appropriate.
- Trees conflicting with road works, drainage, services and/or construction on road reserves, following an assessment of trees and examination of all other options to tree removal.
- Senescent (ageing) trees or dead, diseased or structurally unsound trees where replacement strategies are in place.

**c) Replacement Programs**

- Replacement programs for dead, diseased or structurally unsound trees may involve removals on one side of the street or removal of alternate trees if possible and practical.
- Where replacement programs exist, trees that are severely affected will be given priority. Any removal approved outside of the programme on request from a resident, will only be considered where the resident contributes to the cost of removal and replacement.

- Replacement programs will be funded via the annual budget process, with the exception of removals that are required for private development of land adjacent to the street tree, or an approved 'Resident Initiated Removal', where the applicant meets the full cost of removal and replacement.
- In a street where tree removals are proposed under a replacement program, the City of South Perth shall inform all immediately affected residents and invite comment on the proposed action. Residents will also be advised when any replacement planting can be expected.

**d) Trees and Development**

- Where development occurs, it is expected that all necessary measures will be undertaken to preserve street trees when designing access ways to lots. In instances where the design does not permit retention of the verge trees, and all retention attempts have been exhausted, applicants will bear the full tree removal cost, which includes the amenity value of the tree. Options such as transplanting and replacement with advanced trees will be considered by the City to ameliorate the requirement for a full amenity value being paid for the removal of the tree.
- Consultation with the Manager, City Planning regarding private developments shall be required at the design stage to assist with appropriate negotiations regarding existing street trees.
- Approval for planning, building and crossover permits shall only be granted if the applicant can clearly demonstrate that no street tree will be adversely affected by the development, unless otherwise agreed. Deposits may also be required to cover the cost of remedial work, removal, replacement and maintenance of any trees that are damaged.
- In the case of removals for private development, the applicant will bear all costs associated with tree removal, replacement, and maintenance of the new tree, amenity value and administration of the process.

**e) Resident Initiated Removals**

- Where removal is sought through the 'Resident Initiated Removal Process', trees will only be removed after an individual assessment has been made to determine that removal is the only option available under the criteria established in Section 10(b).
- Costs associated with the Resident Initiated Removal of a street tree will be established by the Manager, City Environment and included in fees and charges in the annual budget. The removal fee may be adjusted to reflect the quality, size and amenity value of the existing tree and the maintenance requirements of replacement trees.
- If the tree is considered to be suitable for removal as per the criteria set out in Section 10(b), all adjoining residents will receive written notification of the intention to remove the tree and invited to make comment.

- Where opposition to the removal of the tree is received within the seven-day period, the proposal will be reassessed to determine that tree removal is the only option available.
- Where tree removal is determined as the only available option, the residents concerned will be advised in writing accordingly. Where a decision for tree removal has been made, the respondent will have 5 working days to lodge an appeal with the Chief Executive.
- Where options other than tree removal are available, applicants will be informed that the tree will remain.

**f) General**

- The Manager, City Environment may amend the amenity valuation of trees where appropriate.
- The Manager, City Environment shall seek discussion and review with those organisations that have legislated regulations and standards that impact upon street trees.
- Owing to the hazardous nature of the task, residents and ratepayers will not be granted permission to remove trees.

## Street Tree Protection and Preservation

### Objective

To ensure that formal procedures are developed and provision is made for the legal protection of street trees so that tree populations are protected against indiscriminate damage and removal.

### Strategies

a) A register of street trees and tree groups that are of special significant environmental or historical interest to the City will be developed and maintained. The Trees of Special Significance Register will be formulated in accordance with accepted guidelines and standards such as those provided by the Tree Society and National Trust of Australia (see Policy P305 - Tree Preservation and City of South Perth Town Planning Scheme No. 5 Amendment No. 17).

b) All street trees are to be protected against unauthorised damage and removal under Local Law 6.1 [c] of 2011 - Relating to Public Places and Local Government Property.

c) Based on the amenity value and/or the replacement value of a mature tree damaged or destroyed without prior permission, the City of South Perth may instigate legal action to pursue the recovery of costs and the imposition of a fine.

d) Where a tree contractor is employed to carry out unauthorised tree pruning or removal, then both the contractor and the owner/occupier requesting the work may be fined, or after determination of the extent of the offence, the City may issue an infringement and modified penalty as prescribed within the Local Law.

e) The City of South Perth will on certain occasions, engage the services of arboricultural consultants to provide independent tree assessments and reports.

f) A system of valuing street trees will be developed and maintained, which will provide a standard means for recovering costs incurred in repairing damage or replacing those trees which have been damaged or destroyed during the installation of services or other construction activities, vandalism and so forth.

## Community Education/Liaison and Staff Training

### Objective

To establish a framework for effective liaison between City staff and the community, to foster greater awareness, understanding and co-operation on matters pertaining to street trees.

### Strategies

a) A range of publicity and promotional techniques shall be developed to enhance community awareness on matters pertaining to street trees (eg dissemination of information through the press, leaflets and static displays).

b) Closer links shall be forged between the City and essential service authorities so that continuous dialogue occurs on such matters as undergrounding of power lines, preservation of trees of value and pruning methods for trees under power lines.

c) Staff training shall be encouraged so that all individuals involved in implementing this street tree management plan are fully aware of the required processes and procedures, and are competent to undertake the various street tree management practices.

## Street Tree Planting Procedure

a) Select the site for the tree and remove lawn or weeds for a minimum of one metre diameter.

b) Thoroughly water the tree until the soil in the container is saturated.

c) Excavate planting hole, normally twice as deep and twice as wide as the root mass in the pot or bag.

d) Before planting advanced trees, firmly implant a stake at the bottom of the hole, slightly to one side.

e) Backfill the hole to a level that will accommodate the root ball and roots extending from the ball.

f) Scatter a slow release fertiliser (long release time Osmocote, Nutricote or similar, or a type that is specifically formulated for the species) around the base of the root mass.

g) Remove the tree from the container, check the quality of the root system, and if it is overly pot bound, reject the specimen.

h) Place the healthy tree in the centre of the hole with the top of the root mass about 100mm below the natural soil level. If the tree is only slightly pot bound, tease out the bottom of the root mass prior to placement.

i) Return the soil needed to fill the hole, add sufficient water to the soil to make a slurry that will ensure good root soil contact. Gently compact the soil around the plant ensuring that its stem is vertically.

j) Create a shallow depression around the tree to serve as a watering pan and thoroughly water the area around the tree. A suitable soil wetting agent should also be applied at this stage.

k) A layer of organic mulch may be incorporated around the base of the tree, approximately 70mm deep.

l) Tie tree loosely with a flexible soft tree tie to halfway up the height of the tree, and affix the tie in such a manner as to strike a figure eight with the tie crossed over itself between the tree and the stake.

**Maintenance Procedures**

a) Ensure that the area around the trunk is kept weed free.

b) Ensure that as the tree grows, rubber ties are loosened to avoid bark damage. A stake removal programme should be instigated after the first 2-3 years of establishment.

c) Sufficient water will be required to thoroughly wet the root system and this should be applied as necessary during both the cooler and hotter months.

d) The best time to water is early in the morning and not during the heat of the day.

e) Continued watering for the first two summers from planting will generally be necessary in some instances. The co-operation of Residents will be actively encouraged to assist in the establishment of the tree.

# City of South Perth - Street Tree Management Plan

## Street Tree Species List

### Natives

| Common Name | Botanical Name | Species ID Number |
|---|---|---|
| Broad leaf paper bark | *Melaleuca quinquenervia* | 1 |
| Candlestick Banksia | *Banksia attenuata* | 2 |
| Coastal Black Butt | *Eucalyptus todtiana* | 18 |
| Common Sheoak | *Allocasuarina fraseriana* | 3 |
| Coral Gum | *Eucalyptus torquata* | 4 |
| Flooded gum | *Eucalyptus rudis* | 6 |
| Illawarra Flame Tree | *Brachychiton acerifolius* | 8 |
| Jarrah | *Eucalyptus marginata* | 9 |
| Kurrajong | *Brachychiton populneus* | 10 |
| Macadamia | *Macadamia integrifolia* | 12 |
| Marri - pink form | *Corymbia calophylla rosea syn. Eucalyptus calophylla* | 13 |
| Moonah | *Melaleuca preissiana* | 14 |
| Narrow leaved Peppermint | *Eucalyptus nicholii* | 68 |
| Native Frangipani | *Hymenosporum flavum* | 15 |
| Pink flowered S.A. Blue Gum | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 |
| Queensland Box | *Lophostemon conferta* | 66 |
| Red bottle brush | *Callistemon* 'Kings Park Special' | 19 |
| Red Flowering Gum | *Corymbia ficifolia syn. Eucalyptus ficifolia* | 20 |
| Red iron bark | *Eucalyptus sideroxylon rosea* | 21 |
| Ruby leaved Cottonwood | *Hibiscus tiliaceus* 'Purpurea' | 67 |
| Salt water sheoak | *Casuarina obesa* | 24 |
| Smooth Bark Apple Myrtle | *Angophora costata* | 59 |
| Swamp Banksia | *Banksia littoralis* | 27 |
| Tuart | *Eucalyptus gomphocephala* | 29 |
| Willow Peppermint | *Agonis flexuosa* | 30 |

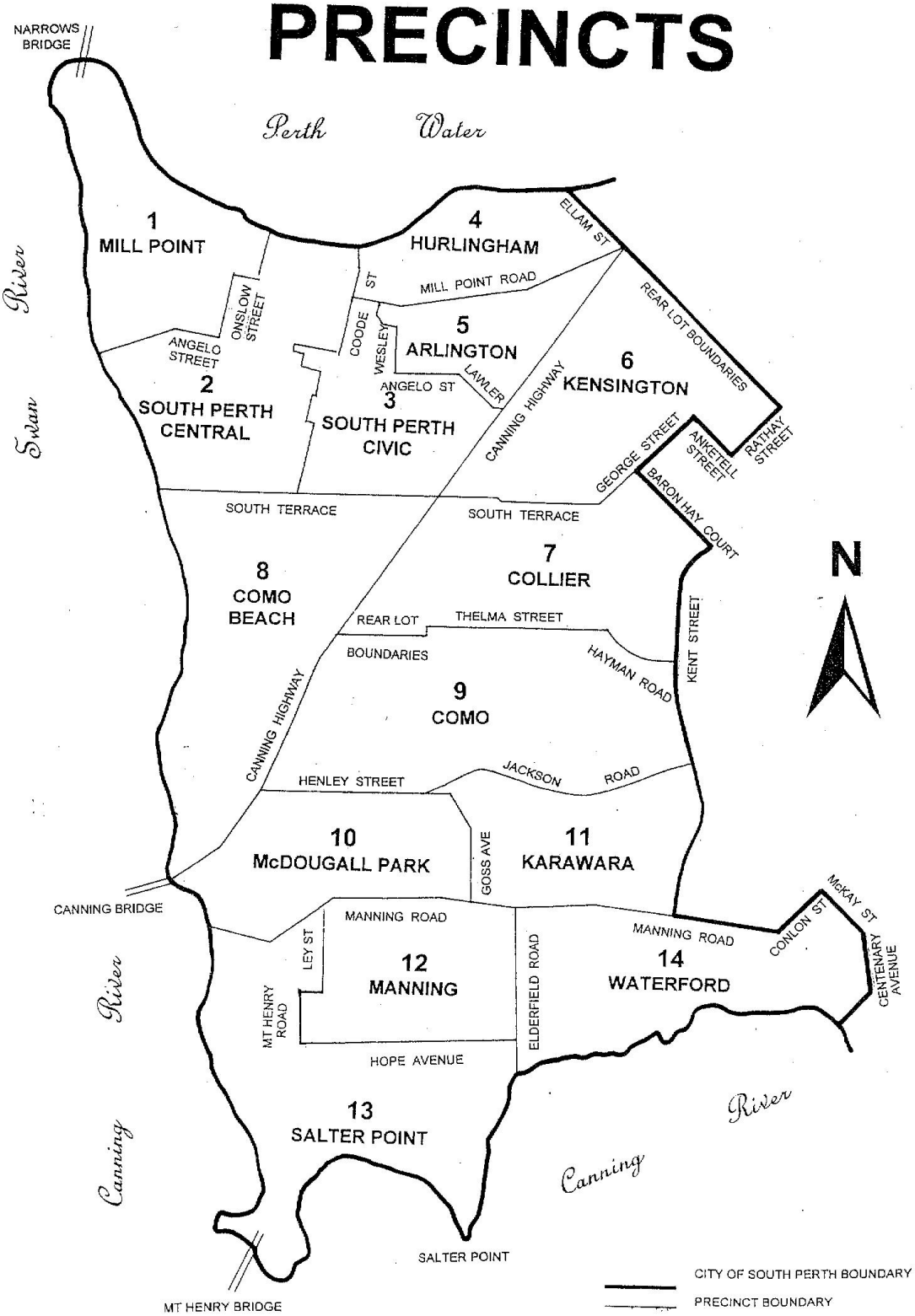
| Exotics Evergreen | | |
|---|---|---|
| **Common Name** | **Botanical Name** | **Species ID Number** |
| African Tulip Tree | *Spathodea campanulata* | 31 |
| Camphor laurel | *Cinnamomum camphora* | 32 |
| Evergreen Ash | *Fraxinus griffithii* | 34 |
| Laurel Magnolia | *Magnolia grandiflora* | 36 |
| Norfolk Island Pine | *Araucaria heterophylla* | 60 |
| Olive | *Olea europea* | 49 |

| Exotics - Deciduous | | |
|---|---|---|
| **Common Name** | **Botanical Name** | **Species ID Number** |
| Box Elder Maple | *Acer negundo* | 39 |
| Chinese Elm | *Ulmus parvifolia* | 40 |
| Chinese Tallow | *Sapium sebiferum* | 41 |
| Claret Ash | *Fraxinus raywoodii* | 42 |
| Cape Lilac # | *Melia azedarach#*<br>*(used on one location only)* | 69 |
| Cork Oak | *Quercus suber* | 33 |
| Jacaranda | *Jacaranda mimosifolia* | 45 |
| Judas Tree | *Cercis siliquastrum* | 46 |
| London Plane | *Platanus acerifolia* | 47 |
| Manchurian Pear | *Pyrus ussuriensis* | 48 |
| Nettle Tree | *Celtis australis* | 37 |
| Ornamental pear | *Pyrus calleryana* 'Bradford' | 51 |
| Poinciana | *Delonix regia* | 53 |
| Purple orchid tree | *Bauhinia purpurea* | 58 |
| South African orchid bush | *Bauhinia galpinii* | 57 |

# The Cape Lilac, *Melia azedarach*, is only planted in two streets by Council resolution 21/12/07. This is not a recommended species for other streets.

CITY OF SOUTH PERTH

# PRECINCTS



# Appendix 1

# Alphabetical Street Index

# City of South Perth - Street Tree Management Plan

## Alphabetical Street Index

Streets are listed in alphabetical order. Tree type (species) is for the entire street unless otherwise indicated i.e. odd, even or numbers indicates different species on either side of the street or corresponding to house numbers.

**Changes to tree selections for streets**

* Denotes a change of species from 2003 Street Tree Management Plan

** Denotes a change of species from 2006 Revised Street Tree Management Plan

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Abjornson Street | *Eucalyptus marginata - even*<br>*Melaleuca quinquenervia - odd (school side)* | 9<br>1 | **11** |
| Adare Court | *Jacaranda mimosifolia* | 45 | **14** |
| Addison Street | *Fraxinus raywoodii* | 42 | **3** |
| Albert Street | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **2** |
| Alexandra Street | *Jacaranda mimosifolia* | 42 | **2** |
| Allen Street | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **3** |
| Alston Avenue West | *Fraxinus griffithii* - 0 to 22 even, 27 odd | 45 | **8** |
| Alston Avenue East | *Agonis flexuosa* - 24 on even, 29 on odd | 30 | **9** |
| Ambon Street | *Jacaranda mimosifolia* | 45 | **6** |
| Amery Street | *Agonis flexuosa* | 30 | **9** |
| Amherst Street* | *Eucalyptus marginata* | 9 | **1,2** |
| Angelo Street | *Agonis flexuosa*<br>*Fraxinus griffithii* (Shop precinct)<br>*Platanus acerifolia* (Shop precinct median) | 30<br>34<br>47 | **2,3** |
| Anketell Street | *Agonis flexuosa* | 30 | **6** |
| Anstey Street | *Agonis flexuosa* | 30 | **2** |
| Anthony Street | *Platanus acerifolia* | 47 | **5** |
| Anthus Corner | *Corymbia calophylla* | 13 | **14** |
| Apus Loop | *Corymbia calophylla* | 13 | **14** |
| Arlington Avenue | *Fraxinus griffithii* | 34 | **5** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Artane Court | *Pyrus calleryana* 'Bradford' | 51 | **14** |
| Arundel Street | *Jacaranda mimosifolia* | 45 | **6** |
| Axford Street | *Jacaranda mimosifolia* | 45 | **7,9** |
| Baldwin Street | *Jacaranda mimosifolia*<br>*Eucalyptus marginata* - park side | 45<br>9 | **9** |
| Banksia Terrace | *Agonis flexuosa* | 30 | **5,6** |
| Barang Circuit | *Olea europea* | 49 | **11** |
| Barker Avenue | *Agonis flexuosa* | 30 | **9** |
| Baron-Hay Court* | *Eucalyptus marginata* | 9 | **7** |
| Batavia Way | *Jacaranda mimosifolia* | 45 | **13** |
| Beenan Close | *Eucalyptus torquata* | 4 | **11** |
| Benson Chase | *Fraxinus raywoodii* | 42 | **13** |
| Bessel Avenue | *Agonis flexuosa* | 30 | **7** |
| Bickley Crescent* | *Eucalyptus leucoxylon* 'Macroparpa' | 16 | **10** |
| Birdwood Avenue | *Jacaranda mimosifolia* | 21 | **7** |
| Blamey Place | *Agonis flexuosa*<br>*Casuarina obesa - park side* | 30<br>24 | **7** |
| Bland Street | *Jacaranda mimosifolia* | 45 | **6,7** |
| Boona Court | *Corymbia ficifolia* | 20 | **11** |
| Boongala Close | *Banksia littoralis* | 27 | **11** |
| Bourke Street | *Jacaranda mimosifolia* | 45 | **6** |
| Bowman Street | *Agonis flexuosa* | 30 | **1** |
| Bradshaw Crescent* | *Agonis flexuosa* - 1 to 14, 53 on<br>*Eucalyptus leucoxylon* 'Macrocarpa '- 15 to 52 | 30<br>16 | **12** |
| Brandon Street* | *Jacaranda mimosifolia* | 45 | **5,6** |
| Bright Street* | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **6** |
| Brittain Street | *Agonis flexuosa* | 30 | **9** |
| Broad Street | *Macadamia integrifolia* | 22 | **6** |
| Brookside Avenue | *Jacaranda mimosifolia* | 45 | **4** |
| Broome Street | *Agonis flexuosa* | 30 | **5** |
| Bruce Street | *Agonis flexuosa* - 1 to 47<br>*Ulmus parvifolia* - 48 on | 30<br>40 | **9**<br>**10** |
| Brunning Road | *Eucalyptus marginata* | 9 | **10** |
| Bunderra Close | *Eucalyptus todtiana* | 18 | **11** |
| Burch Street | *Pyrus calleryana* 'Bradford' | 51 | **3** |
| Burnett Road | *Corymbia calophylla rosea* | 13 | **10** |
| Burvill Court* | *Platanus acerifolia* | 47 | **7** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Cabra Place | *Hymenosporum flavum* | 15 | **14** |
| Cale Street* | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **8 ,9** |
| Callan Close | *Fraxinus raywoodii* | 42 | **14** |
| Campbell Ave* | *Hymenosporum flavum* | 15 | **6** |
| Campbell Street | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **6** |
| Canavan Crescent | *Ulmus parvifolia*<br>*Eucalyptus marginata* - park side | 40<br>9 | **10** |
| Carey Street | *Jacaranda mimosifolia* | 45 | **6** |
| Carlow Circle | *Pyrus calleryana* 'Bradford' | 51 | **14** |
| Carr Street* | *Melia azedarach* | 69 | **3** |
| Carrick Way | *Fraxinus griffithii* | 34 | **14** |
| Cashel Way | *Fraxinus raywoodii* | 34 | **14** |
| Cassey Street | *Jacaranda mimosifolia* | 45 | **8** |
| Challenger Ave | *Agonis flexuosa* | 30 | **12,13** |
| Charles Street | *Fraxinus raywoodii* | 42 | **1** |
| Chica Court | *Eucalyptus torquata* | 4 | **11** |
| Clarence Street | *Agonis flexuosa* | 30 | **2** |
| Cliffe Street (west) | *Fraxinus griffithii* - 0 to 11 | 34 | **5** |
| Cliffe Street (east) | *Callistemon* 'Kings Park Special' - 12 on | 19 | **6** |
| Cloister Avenue | *Eucalyptus todtiana* | 18 | **12,13** |
| Clonmel Mews | *Pyrus calleryana* 'Bradford' | 51 | **5,6** |
| Clydesdale Street | *Jacaranda mimosifolia* - 1 to 71<br>*Eucalyptus rudis* - park side<br>*Agonis flexuosa* - 72 on | 45<br>6<br>30 | **10,13** |
| Collins Street | *Pyrus calleryana* 'Bradford'- 1 to 12<br>*Eucalyptus marginata* - 13 on | 51<br>9 | **5,6** |
| Comer Street | *Agonis flexuosa* | 30 | **8** |
| Condil Court | *Pyrus calleryana* 'Bradford' | 51 | **11** |
| Conlon Street | *Jacaranda mimosifolia* | 45 | **14** |
| Conochie Crescent * | *Agonis flexuosa* - 1 to 14, 51 on<br>*Eucalyptus leucoxylon* 'Macrocarpa'- 15 to 50 | 30<br>16 | **12** |
| Coode Street * | *Delonix regia* -1 to 221<br>*Jacaranda mimosifolia* - 222 on | 53<br>45 | **2,3,8** |
| Coolidge Street | *Agonis flexuosa*<br>*Eucalyptus marginata* - park side | 30<br>9 | **9** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Cornish Crescent | *Jacaranda mimosifolia* | 45 | **12** |
| Courthope Street | *Jacaranda mimosifolia* | 45 | **6** |
| Craigie Crescent | *Jacaranda mimosifolia* | 45 | **12** |
| Crake Court | *Eucalyptus leucoxylon 'Macrocarpa Rosea'* | 16 | **14** |
| Crana Place | *Banksia littoralis* | 27 | **11** |
| Crawshaw Cres | *Jacaranda mimosifolia* | 45 | **10** |
| Crossman Pass | *Lagerstroemia indica* | 72 | **13** |
| Crowley Vista | *Lagerstroemia indica* | 72 | **13** |
| Dalmatia Court | Eucalyptus torquata | 4 | **9** |
| Darley Street | Brachychiton acerifolius | 8 | **1** |
| Darling Street* | Pyrus calleryana 'Bradford' | 51 | **5** |
| Darlot Crescent | Agonis flexuosa | 30 | **4** |
| David Street | Agonis flexuosa | 30 | **6** |
| Davilak Crescent | Eucalyptus marginata – park side<br>Jacaranda mimosifolia | 9<br>45 | **10** |
| Decelo Vista | *Eucalyptus leucoxylon 'Macrocarpa Rosea'* | 16 | **14** |
| Deer Park Gardens | Fraxinus raywoodii | 34 | **14** |
| Delamere Ave | Fraxinus raywoodii | 42 | **4** |
| Dick Perry Ave* | Fraxinus raywoodii | 42 | **7** |
| Doneraile Court | Fraxinus raywoodii | 34 | **14** |
| Douglas Avenue* | Pyrus calleryana 'Bradford'- 1 to 39<br>Brachychiton acerifolius - 40 on | 51<br>8 | **5**<br>**6** |
| Downey Drive | Eucalyptus marginata | 9 | **12** |
| Droghenda Way | Jacaranda mimosifolia | 45 | **14** |
| Duckett Drive | Jacaranda mimosifolia<br>Eucalyptus marginata - park side | 45<br>9 | **12** |
| Dungarven Court | Corymbia ficifolia | 20 | **14** |
| Dyer Way | Fraxinus griffithii | 34 | **13** |
| Dyson Street* | *Delonix regia* - 0 to 32<br>*Eucalyptus marginata* - Salisbury addresses - odd side - (1 to 39)<br>*Jacaranda mimosifolia* - 34 on, 41 on | 53<br>9<br><br>45 | **5,6** |
| Edgecumbe Street | *Agonis flexuosa* | 30 | **13, 10** |
| Edgewater Road | *Fraxinus raywoodii* | 32 | **13** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Edinburgh Street | *Cinnamomum camphora* | 32 | **2** |
| Ednah Street | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **8** |
| Egretta Drive | *Tristaniopsis laurina* | 14 | **14** |
| Elderfield Road * | *Melaleuca quinquenervia* - 1 on odd<br>*Platanus acerifolia* - 0 to 40 (Trinity Fields)<br>*Pyrus calleryana* 'Bradford'- 42 on | 1<br>47<br>51 | **12, 14** |
| Eighth Avenue | *Agonis flexuosa* | 30 | **6** |
| Eleanor Street | *Agonis flexuosa* | 30 | **9** |
| Elizabeth Street* | *Agonis flexuosa* | 30 | **3** |
| Ellam Street* | *Ulmus parvifolia* | 40 | **4** |
| Ennis Court | *Pyrus calleryana* 'Bradford' | 51 | **14** |
| Eric Street | *Platanus acerifolia* | 47 | **8** |
| Fairview Gardens | *Fraxinus griffithii*<br>*Casuarina obesa* - near conservation area | 34<br>24 | **14** |
| Fermoy Close | *Jacaranda mimosifolia* | 45 | **14** |
| Fifth Avenue | *Eucalyptus todtiana*<br>*Corymbia calophylla rosea* | 18<br>13 | **6** |
| Finchaven Street | *Jacaranda mimosifolia* | 45 | **6** |
| First Avenue | *Agonis flexuosa* | 30 | **6** |
| Forrest Street* | *Jacaranda mimosifolia* - 1 to 4<br>*Fraxinus raywoodii* - 5 to 82<br>*Agonis flexuosa* - 83 on | 45<br>42<br>30 | **2** |
| Fortune Street | *Pyrus calleryana* 'Bradford' | 51 | **3** |
| Forward Street | *Jacaranda mimosifolia* | 45 | **10** |
| Fourth Avenue | *Agonis flexuosa* | 30 | **6** |
| Galway Grove | *Eucalyptus rudis* - near park<br>*Pyrus calleryana* 'Bradford' | 6<br>51 | **14** |
| Garden Street | *Pyrus calleryana* 'Bradford' | 51 | **2** |
| Gardner Street | *Agonis flexuosa* - 1 to 66<br>*Jacaranda mimosifolia* - 67 on | 30<br>45 | **8** |
| Garvey Street* | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **14** |
| Gentilly Way | *Fraxinus raywoodii* | 42 | **13** |
| George Street | *Jacaranda mimosifolia* | 45 | **6** |
| Gerald Street | *Jacaranda mimosifolia* | 45 | **9** |
| Gillon Street | *Jacaranda mimosifolia* | 45 | **11** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Gladstone Ave | *Agonis flexuosa* | 30 | **5** |
| Glasnevin Court | *Pyrus calleryana* 'Bradford' | 51 | **14** |
| Glyde Street | *Agonis flexuosa* | 30 | **2** |
| Godwin Avenue | *Eucalyptus marginata* | 9 | **10** |
| Goss Avenue | *Eucalyptus todtiana*<br>*Agonis flexuosa* - west side | 18<br>30 | **10** |
| Greenock Ave | *Agonis flexuosa* - 0 to 23<br>*Eucalyptus torquata - 29 on* | 30<br>4 | **8** |
| Griffin Crescent* | Eucalyptus leucoxylon 'Macrocarpa'` | 16 | **12** |
| Gwenyfred Road | Jacaranda mimosifolia | 45 | **6** |
| Hampden Street | Agonis flexuosa | 30 | **3** |
| Hamlin Rise | Callistemon 'Kings Park Special' | 19 | **8** |
| Hanover Place | Fraxinus raywoodii | 42 | **14** |
| Hardy Street | Jacaranda mimosifolia | 45 | **1** |
| Harper Terrace | Fraxinus griffithii | 34 | **1** |
| Hayman Road | Corymbia calophylla rosea | 26 | **7** |
| Hazel Street | Jacaranda mimosifolia | 45 | **8** |
| Henley Street | Fraxinus griffithii - opposite park<br>Banksia attenuata - on park verge<br>Corymbia calophylla rosea - median<br>Eucalyptus marginata - south side<br>Eucalyptus torquata - 1 to 12, north side | 34<br>2<br>13<br>9<br>4 | **11, 9, 8** |
| Henning Crescent | Pyrus ussuriensis | 48 | **12** |
| Hensman Street | Eucalyptus todtiana - 1 to 49<br>Agonis flexuosa - 50 on | 18<br>30 | **3**<br>**3, 6** |
| Heppingstone Street | Pyrus calleryana 'Bradford' | 51 | **4** |
| High Street | Agonis flexuosa | 30 | **3** |
| Hirundo Place | Eucalyptus leucoxylon 'Macrocarpa' | 16 | **14** |
| Hobbs Avenue | Eucalyptus todtiana | 18 | **7** |
| Hogg Avenue | Lagerstroemia indica | 72 | **13** |
| Hope Avenue | Eucalyptus todtiana | 18 | **12** |
| Hopetoun Street | Melia azedarach - 1 to 28<br>Melia azedarach - 29 on | 42<br>41 | **2** |
| Hovia terrace | Agonis flexuosa | 30 | **5, 6** |
| Howard Parade | Jacaranda mimosifolia | 45 | **13** |
| Hurlingham Road | Agonis flexuosa | | **4** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Isabella Crescent | Jacaranda mimosifolia | 45 | **12** |
| Jackson Road | *Corymbia ficifolia* | 20 | **11** |
| Jameson Street | *Jacaranda mimosifolia* | 45 | **5** |
| Jarman Avenue* | *Agonis flexuosa*<br>*Eucalyptus marginata - park side* | 30<br>9 | **12** |
| Jubilee Street | *Pyrus calleryana 'Bradford'* | 51 | **4** |
| Judd Street | *Agonis flexuosa - north side*<br>*Platanus acerifolia - south side* | 30<br>47 | **1** |
| Kardan Circuit | *Brachychiton acerifolius* | 8 | **11** |
| Karoo Street* | *Platanus acerifolia* | 47 | **2** |
| Keaney Place* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **14** |
| Kwel Court | *Brachychiton populneus* | 10 | **11** |
| Kells Court | *Fraxinus griffithii* | 34 | **14** |
| Kelsall Crescent | *Jacaranda mimosifolia* | 45 | **10** |
| Keneally Court | *Fraxinus raywoodii* | 42 | **13** |
| Kennard Street | *Agonis flexuosa* | 30 | **6** |
| Kent Street | *Corymbia ficifolia*<br>*Eucalyptus leucoxylon 'Macrocarpa'*<br>*Shopping Precinct* | 20<br>16 | **11** |
| Kilbride Court | *Pyrus calleryana 'Bradford'* | 51 | **14** |
| Kilkenny Circle | *Pyrus calleryana 'Bradford'* | 51 | **14** |
| Killaloe Place | *Corymbia ficifolia* | 20 | **14** |
| Kilrush Place | *Pyrus calleryana 'Bradford'* | 51 | **14** |
| King Edward Street* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **2** |
| King George St | *Agonis flexuosa* | 30 | **6** |
| King Street | *Jacaranda mimosifolia* | 45 | **6** |
| Kirby Ridge | *Lagerstroemia indica* | 72 | **13** |
| Klem Avenue | *Agonis flexuosa* | 30 | **13** |
| Koolinda Court | *Eucalyptus sideroxylon rosea* | 21 | **11** |
| Labouchere Road* | *Angophora costata - 1 to 201*<br>*Eucalyptus marginata - 202 on* | 59<br>9 | **1**<br>**2,8** |
| Lamb Street | *Casuarina obesa - park side* | 24 | **4** |
| Lansdowne Road | *Corymbia ficifolia - 0 to 90*<br>*Agonis flexuosa - 92 on* | 20<br>30 | **6** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Lawler Street | *Agonis flexuosa* | 30 | **5** |
| Lawrence Street | *Delonix regia*<br>*Jacaranda mimosifolia* | 53<br>45 | **9** |
| Leane Street | *Pyrus calleryana 'Bradford'* | 51 | **5** |
| Lenna Court | *Eucalyptus torquata* | 4 | **11** |
| Leonora Street | *Fraxinus raywoodii* | 42 | **8** |
| Letchworth Centre Avenue | *Jacaranda mimosifolia* | 45 | **13** |
| Ley Street | *Agonis flexuosa*<br>*Eucalyptus marginata - park verge* | 30<br>9 | **10, 12** |
| Limerick Place | *Fraxinus griffithii* | 34 | **14** |
| Lockhart Street | *Corymbia ficifolia* - 3 to 93<br>*Macadamia integrifolia* - 96 on | 20<br>12 | **8**<br>**10,13** |
| Lowan Loop | *Olea europa* | 49 | **11** |
| Lurnea Place* | *Eucalyptus leucoxylon* 'Macrocarpa' | 16 | **11** |
| Lyall Street | *Quercus suber* | 33 | **1** |
| Mabel Street | *Pyrus calleryana* 'Bradford' | 51 | **6** |
| Mackie Street | Pyrus calleryana 'Bradford' | 51 | **6** |
| Manning Road | Corymbia calophylla rosea | 13 | **11,12,14** |
| Manning Terrace | *Pyrus calleryana 'Bradford'* | 51 | **4** |
| Marino Place | *Fraxinus raywoodii* | 42 | **14** |
| Market Street | *Jacaranda mimosifolia* | 45 | **6** |
| Marsh Avenue | *Agonis flexuosa* | 30 | **12** |
| Mary Retreat | *Platanus acerifolia* | 47 | **8** |
| Mary Street | *Jacaranda mimosifolia* | 45 | **8** |
| Max Forman Ct | *Sapium sebiferum* | 41 | **7** |
| McDonald Street | *Corymbia calophylla rosea* | 26 | **8** |
| McDougall Street | *Jacaranda mimosifolia* | 45 | **10** |
| McKay Street* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **14** |
| McNabb Loop | *Hymenosporum flavum* | 15 | **9** |
| McNess Glade | *Lagerstroemia indica* | 72 | **13** |
| Meadowvale Avenue | *Platanus acerifolia* | 47 | **4** |
| Melinga Court* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **11** |
| Melville Parade* | *Araucaria heterophylla - 0 to 200*<br>*Fraxinus griffithii - 200 on* | 60 | **1** |
| Mends Street | *Platanus acerifolia* | 47 | **1** |
| Mettam Fairway | *Hibiscus tiliaceus 'Purpurea'* | 67 | **13** |
| Miamba Court* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **11** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Mill Point Road* | *Platanus acerifolia - 0 to 90*<br>*Agonis flexuosa - 96 on* | 47 | **1, 2, 3, 4, 5** |
| Milson Street | *Corymbia calophylla rosea* | 13 | **3** |
| Mireen Court* | *Angophora costata* | 26 | **11** |
| Monash Avenue | *Agonis flexuosa* | 30 | **7** |
| Monk Avenue | *Pyrus calleryana 'Bradford'* | 51 | **6** |
| Monk Street | *Jacaranda mimosifolia* | 45 | **6** |
| Moresby Street | *Pyrus calleryana 'Bradford'* | 51 | **6** |
| Morrish Place | *Pyrus calleryana 'Bradford'* | 30 | **7** |
| Morrisson Street | *Agonis flexuosa* | 30 | **9** |
| Mt Henry Road | *Agonis flexuosa* | 30 | **12, 13** |
| Mullingar Close | *Ulmus parvifolia* | 40 | **14** |
| Murray Street* | *Corymbia ficifolia*<br>*Brachychiton acerifolius - median islands* | 20<br>8 | **7, 9** |
| Nenagh Grove | *Eucalyptus rudis - park side*<br>*Fraxinus griffithii - elsewhere* | 6<br>34 | **14** |
| New Ross Lane | *Jacaranda mimosifolia* | 45 | **14** |
| Newry Close | *Fraxinus raywoodii* | 42 | **14** |
| Norfolk Street* | *Fraxinus raywoodii - 0 to 28*<br>*Pyrus calleryana 'Bradford' - 29 on* | 42<br>51 | **3** |
| Norton Street* | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **3** |
| Omagh Gardens | *Platanus acerifolia* | 47 | **14** |
| Onslow Street | *Agonis flexuosa* | 30 | **2** |
| Oxford Street | *Eucalyptus todtiana* | 18 | **6** |
| Park Street | *Corymbia calophylla rosea* | 13 | **9** |
| Parker Street | *Fraxinus griffithii* | 34 | **1** |
| Parmelia Grove | *Jacaranda mimosifolia* | 45 | **13** |
| Parson Avenue | *Corymbia calophylla rosea* | 13 | **12** |
| Paterson Street | *Jacaranda mimosifolia*<br>*Agonis flexuosa - Lot No. 5* | 45<br>30 | **13** |
| Pennington Street | *Eucalyptus marginata* | 9 | **6** |
| Pepler Avenue* | *Agonis flexuosa - 0 to 33*<br>*Olea europaea - 34 on* | 30<br>49 | **13** |
| Pepper Street | *Sapium sebiferum* | 41 | **4** |
| Pether Road | *Jacaranda mimosifolia* | 45 | **10** |
| Philip Avenue | *Spathodea campanulata* | 31 | **10** |
| Pilgram Street* | *Ulmus parvifolia* | 40 | **3** |
| Pitt Street | *Agonis flexuosa* | 30 | **6** |
| Potter Avenue | *Ulmus parvifolia* | 40 | **13** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Preston Street | *Jacaranda mimosifolia - 1 to 60,62,64*<br>*Spathodea campanulata - 61,63,65 to 74* | 45<br>31 | **8** |
| Queen Street | *Melaleuca quinquenervia* | 1 | **1** |
| Ranelagh Cres | *Jacaranda mimosifolia* | 45 | **4** |
| Rathay Street | *Jacaranda mimosifolia* | 45 | **6** |
| Ray Street | *Brachychiton acerifolius* | 8 | **1** |
| Rea Street | *Jacaranda mimosifolia* | 45 | **2** |
| Redmond Street | *Corymbia calophylla rosea* | 13 | **13** |
| Renwick Street | *Corymbia calophylla rosea* | 13 | **3** |
| Richardson Street | *Agonis flexuosa*<br>*Corymbia calophylla rosea - park side* | 30<br>13 | **1** |
| Ridge Street | *Jacaranda mimosifolia* | 45 | **2** |
| Riverview Street* | *Melia azedarach* | 9 | **2** |
| Robert Street | *Agonis flexuosa* | 30 | **8, 10** |
| Roebuck Drive | *Jacaranda mimosifolia* | 45 | **13** |
| Rose Avenue | *Sapium sebiferum - 1 to 7*<br>*Pyrus calleryana 'Bradford' - 8 on* | 41<br>51 | **2** |
| Roseberry Avenue | *Jacaranda mimosifolia* | 45 | **5** |
| Rosecrea Close | *Ulmus parvifolia* | 40 | **14** |
| Ruth Street | *Eucalyptus marginata* | 9 | **9** |
| Ryrie Avenue | *Jacaranda mimosifolia* | 45 | **7** |
| Salisbury Avenue | *Agonis flexuosa* | 30 | **5** |
| Salter Point Pde | *Melaleuca preissiana - near wetland* | 14 | **13** |
| Sandgate Street | *Agonis flexuosa* | 30 | **3** |
| Saunders Street | *Eucalyptus todtiana - 0 to 22*<br>*Eucalyptus sideroxylon rosea - 23 on* | 18<br>21 | **8**<br>**9** |
| Scenic Crescent | *Sapium sebiferum* | 41 | **4** |
| Scott Street | *Spathodea campanulata* | 31 | **1** |
| Second Avenue | *Jacaranda mimosifolia* | 45 | **6** |
| Seventh Avenue | *Agonis flexuosa* | 30 | **6** |
| Shaftsbury Street | *Pyrus calleryana 'Bradford'* | 51 | **5** |
| Sion Close | *Sapium sebiferum* | 41 | **14** |
| Sixth Avenue | *Jacaranda mimosifolia* | 45 | **6** |
| South Terrace* | *Agonis flexuosa - 0 to 69, 149 on*<br>*Jacaranda mimosifolia - 70 to 148* | 30<br>45 | **3, 6**<br>**3** |
| Stirling Street | *Pyrus calleryana 'Bradford'* | 51 | **1** |
| Stitfold Prom | *Magnolia grandiflora* | 36 | **13** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Stone Street | *Platanus acerifolia* | 47 | **1** |
| Strickland Street | *Jacaranda mimosifolia* | 45 | **2** |
| Success Crescent | *Fraxinus raywoodii* | 42 | **13** |
| Sulman Crescent | *Jacaranda mimosifolia* | 45 | **13** |
| Susan Street | *Sapium sebiferum* | 41 | **6** |
| Swan Street | *Sapium sebiferum* | 41 | **5, 2** |
| Swanview Terrace | *Agonis flexuosa* | 30 | **4** |
| Synge Place | *Eucalyptus leucoxylon 'Macrocarpa'* | 16 | **14** |
| Talbot Avenue | *Agonis flexuosa* | 30 | **9,10** |
| Tandy Street | *Jacaranda mimosifolia* | 45 | **13** |
| Tate Street | *Sapium sebiferum* | 41 | **5** |
| Templemore Gardens | *Eucalyptus rudis - near park*<br>*Fraxinus raywoodii - elsewhere* | 6<br>42 | **14** |
| Thelma Street | *Jacaranda mimosifolia - 1 to 52*<br>*Corymbia ficifolia - 53 on* | 45<br>20 | **8**<br>**7** |
| Third Avenue | *Corymbia ficifolia* | 20 | **6** |
| Thomas Street | Pyrus calleryana 'Bradford' | 51 | **4** |
| Throssell Street | Agonis flexuosa | 30 | **7** |
| Thurles Court* | Eucalyptus leucoxylon 'Macrocarpa' | 16 | **14** |
| Todd Avenue | Eucalyptus marginata | 9 | **7** |
| Tralee Way* | Eucalyptus leucoxylon 'Macrocarpa' | 16 | **14** |
| Trumper Road | Jacaranda mimosifolia | 45 | **12** |
| Tublia Court | Eucalyptus marginata | 9 | **11** |
| Tullamore Close | Jacaranda mimosifolia | 45 | **14** |
| Unwin Crescent | Jacaranda mimosifolia | 45 | **13** |
| Victoria Street | Pyrus calleryana 'Bradford' | 51 | **2** |
| View Street | Agonis flexuosa | 30 | **6** |
| Vista Street* | Fraxinus raywoodii | 42 | **6** |
| Walanna Drive* | Angophora costata - 1 to 40<br>Eucalyptus leucoxylon 'Macrocarpa' - 42 on | 59<br>16 | **11** |
| Walters Street | Agonis flexuosa | 30 | **3** |
| Wandarra Close | Eucalyptus torquata | 4 | **11** |
| Warner Court | Pyrus calleryana 'Bradford' | 51 | **12** |
| Warrego Street | Jacaranda mimosifolia | 45 | **6** |
| Waterford Avenue | Eucalyptus rudis - near Bodkin Park<br>calophylla rosea - near conservation area<br>Pyrus calleryana 'Bradford'- elsewhere | 6<br>13<br><br>51 | **14** |

| Street Name | Tree Type | Species ID | Precinct Plan |
|---|---|---|---|
| Wattle Street | Agonis flexuosa | 30 | **3** |
| Waverley Street | Pyrus calleryana 'Bradford'- 0 to 28<br>Agonis flexuosa - 29 on | 51<br>30 | **3** |
| Way Road | Callistemon 'Kings Park Special' | 19 | **5** |
| Welwyn Avenue | Agonis flexuosa - on verges<br>Brachychiton acerifolius - on median | 30<br>54 | **12, 13** |
| Westbury Road | Jacaranda mimosifolia | 45 | **5** |
| Westland Place | Jacaranda mimosifolia | 45 | **14** |
| Weston Avenue | Melaleuca quinquenervia | 1 | **4** |
| Wexford Court | Jacaranda mimosifolia | 45 | **14** |
| Wonil Way | Olea europea | 49 | **11** |
| Wooltana Street* | Eucalyptus todtiana | 21 | **10** |
| Woonan Place | Eucalyptus todtiana | 18 | **11** |
| Yalambee Place* | Eucalyptus leucoxylon 'Macrocarpa' | 16 | **11** |
| York Street | Spathodea campanulata - 2 to 35<br>Jacaranda mimosifolia - 37 on | 31<br>45 | **2** |

# Appendix 2

# Street Tree Index

# City of South Perth - Street Tree Management Plan

## Tree Species listed by identification number

| Species ID Number | Common Name | Botanical Name |
|---|---|---|
| 1 | Broad leaf paper bark | *Melaleuca quinquenervia* |
| 2 | Candlestick Banksia | *Banksia attenuata* |
| 3 | Common Sheoak | *Allocasuarina fraseriana* |
| 4 | Coral Gum | *Eucalyptus torquata* |
| 6 | Flooded gum | *Eucalyptus rudis* |
| 8 | Illawarra Flame Tree | *Brachychiton acerifolius* |
| 9 | Jarrah | *Eucalyptus marginata* |
| 10 | Kurrajong | *Brachychiton populneus* |
| 12 | Macadamia | *Macadamia integrifolia* |
| 13 | Marri - pink form | *Corymbia calophylla rosea* *syn. Eucalyptus calophylla* |
| 14 | Moonah | *Melaleuca preissiana* |
| 15 | Native Frangipani | *Hymenosporum flavum* |
| 16 | Pink flowered S.A. Blue Gum | *Eucalyptus leucoxylon* 'Macrocarpa' |
| 18 | Coastal Black Butt | *Eucalyptus todtiana* |
| 19 | Red bottle brush | *Callistemon* 'Kings Park Special' |
| 20 | Red Flowering Gum | *Corymbia ficifolia* *syn. Eucalyptus ficifolia* |
| 21 | Red iron bark | *Eucalyptus sideroxylon rosea* |
| 24 | Salt water sheoak | *Casuarina obesa* |
| 27 | Swamp Banksia | *Banksia littoralis* |
| 29 | Tuart | *Eucalyptus gomphocephala* |
| 30 | Willow Peppermint | *Agonis flexuosa* |
| 31 | African Tulip Tree | *Spathodea campanulata* |
| 32 | Camphor laurel | *Cinnamomum camphora* |
| 33 | Cork Oak | *Quercus suber* |
| 34 | Evergreen Ash | *Fraxinus griffithii* |

| | | |
|---|---|---|
| 36 | Laurel Magnolia | *Magnolia grandiflora* |
| 37 | Nettle Tree | *Celtis australis* |
| 39 | Box Elder Maple | *Acer negundo* |
| 40 | Chinese Elm | *Ulmus parvifolia* |
| 41 | Chinese Tallow | *Sapium sebiferum* |
| 42 | Claret Ash | *Fraxinus raywoodii* |
| 45 | Jacaranda | *Jacaranda mimosifolia* |
| 46 | Judas Tree | *Cercis siliquastrum* |
| 47 | London Plane | *Platanus acerifolia* |
| 48 | Manchurian Pear | *Pyrus ussuriensis* |
| 49 | Olive | *Olea europea* |
| 51 | Ornamental pear | *Pyrus calleryana* 'Bradford' |
| 53 | Poinciana | *Delonix regia* |
| 57 | South African orchid bush | *Bauhinia galpinii* |
| 58 | Purple orchid tree | *Bauhinia purpurea* |
| 59 | Smooth Bark Apple Myrtle | *Angophora costata* |
| 60 | Norfolk Island Pine | *Araucaria heterophylla* |
| 66 | Queensland Box | *Lophostemon conferta* |
| 67 | Ruby leaved Cottonwood | *Hibiscus tiliaceus* 'Purpurea' |
| 68 | Narrow leaved Peppermint | *Eucalyptus nicholii* |
| 69 | Cape Lilac# | *Melia azedarach#* |
| 70 | Dwarf Leucoxylon | *Eucalyptus leucoxylon subsp.* |
| 71 | Rough Bark | *Angophora floribunda* |
| 72 | Crepe Myrtle | *Lagerstroemia indica* |
| 73 | | |

# Appendix 3

# Street Tree Planting Procedures

# City of South Perth - Street Tree Management Plan

## Street Tree Planting Procedures

All trees are to be thoroughly watered prior to removing from the nursery or planting.

Planting locations will be determined by section 7 of the Street Tree Management Plan.

1. Planting location of new street trees:

    1.1. New plantings within the verge under power lines, centrally in line with the power lines.

    1.2. New plantings within a verge not under power lines, plant centrally in line approximately half way into the width of the verge.

2. Replacement trees:

    2.1. Dead or other trees that are to be replaced are to be removed from site immediately.

    2.2. Check for evidence of reticulation from private property. If damage to reticulation occurs, advise Supervisor immediately.

    2.3. Mark out the diameter of the hole at 1 metre square. Remove turf and weeds and put aside. Continue to dig out soil 1 ½ times the depth of the pot.

    2.4. Add Terracottem® at prescribed rate to half of the soil taken from the hole and mix well. Set the balance of the soil apart from the rest.

    **Fertiliser Rates (Terracottem®)**

    Hole size:

| | |
|---|---|
| 200 x 200 x 200mm | 20g |
| 300 x 300 x 300mm | 40g |
| 400 x 400 x 400 mm | 100g |
| 700 x 700 x 700 mm | 500g |
| 1000 x 1000 x 500 mm | 750g |

    2.5. Take tree and remove from container, gently tease out the roots by hand and trim away damaged roots with secateurs. Check the planting depth, adding or removing soil as necessary to ensure that the final soil level is the same as the container.

    2.6. Place plant in hole and backfill with Terracottem / soil mixture, firming gently in stages to avoid air pockets and to ensure good soil contact with

the roots. Top of root ball shall finish at 5 cm below the existing ground level.

2.7. Water trees thoroughly to field capacity.

2.8. Prune / remove lower branches if required to branch bark ridge.

2.9. Stake tree:

2.9.1. All Trees up to 25 ltr – single stake (right hand side when looking from the road) and secure with ties, positioned at top and toward the base of the trunk.

2.9.2. All Trees over 25 ltr – double stake and secure with ties in a figure 8 pattern, positioned at both top and bottom of the tree and toward the base of the trunk.

2.10. Clean up and remove waste from site.

2.11. Mulch (tree well minimum depth of 150 mm) and water thoroughly.